



300 E. Mineral Ave., Suite 10  
Littleton, CO 80122-2631  
303/781-8211 303/781-1167 Fax

April 20, 2005

Fluid Minerals Group  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.  
HCU 12-33F, 1,985' FSL, 416' FWL, NW/4 SW/4,  
Section 33, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the *Application for Permit to Drill (APD)* for the above referenced well. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

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APR 25 2005

DIV. OF OIL, GAS & MINING

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

*Don Hamilton*  
Don Hamilton  
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining  
Carla Christian, Dominion  
Marty Buys, Buys & Associates, Inc.

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001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-28203		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A		
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.		7. UNIT AGREEMENT NAME Hill Creek Unit		
3. ADDRESS AND TELEPHONE NO. 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263		8. FARM OR LEASE NAME, WELL NO. HCU 12-33F		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1,985' FSL, 416' FWL NW/4 SW/4 613047Y 39.901870 At proposed prod. zone 1,985' FSL, 416' FWL NW/4 SW/4 4417493Y-109.677583		9. API WELL NO. 43-047-36602		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12.89 miles south of Ouray, Utah		10. FIELD AND POOL, OR WILDCAT Natural Buttes		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 416'		11. SEC., T., R., M., OR BLK. Section 33, T10S, R20E, SLB&M		
16. NO. OF ACRES IN LEASE 1,880		12. COUNTY OR PARISH Uintah		
17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres		13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1,300'		20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,300' GR		22. APPROX. DATE WORK WILL START* September 1, 2005		
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55 ST&C	32#	2,000'	252 sks Lead, 219 sks, tail, 100 sks top out—see attached Drilling Plan
7-7/8"	5-1/2" Mav 80 LT&C	17#	8,050'	160 sks Lead, 435 sks Tail—see attached Drilling Plan

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

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Other Information:

Drilling Plan and Surface Use Plan are attached.

Dominion requests that this complete application for permit to drill be held confidential.

A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well.

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Federal Approval of this  
Action is Necessary

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion DATE April 20, 2005

(This space for Federal or State office use)

PERMIT NO. 43-047-36602 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL ENVIRONMENTAL SCIENTIST III DATE 04-28-05

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency or the

T10S, R20E, S.L.B.&M.

1928 Brass Cap  
Pile of Stones

S89°11'09"W - 2631.49' (Meas.)

S89°09'00"W - 2630.14' (Meas.)

1928 Brass Cap  
Pile of Stones

1928 Brass Cap  
0.8' High, Pile  
of Stones

N03°32'29"E - 2658.47' (Meas.)

N01°19'12"E - 2644.51' (Meas.)

1928 Brass Cap  
Pile of Stones

33

1928 Brass Cap  
0.8' High, Pile  
of Stones

N01°18'49"E - 2645.67' (Meas.)

416'  
HCU #12-33F  
Elev. Ungraded Ground = 5300'

1985'

A.P., Set Stone,  
Pile of Stones

1928 Brass Cap  
0.4' High, E-W  
Fenceline, Set  
Marked Stone

1928 Brass Cap  
1.3' High, Pile  
of Stones

T10S  
T11S

S89°51'17"W -  
1532.82' (Meas.)

S86°17'49"W -  
1318.46' (Meas.)

S89°58'51"W - 2619.67' (Meas.)

1928 Brass Cap  
Pile of Stones

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)

LATITUDE = 39°54'06.65" (39.901847)

LONGITUDE = 109°40'41.82" (109.678283)

(NAD 27)

LATITUDE = 39°54'06.78" (39.901883)

LONGITUDE = 109°40'39.33" (109.677592)

### LEGEND:

└─ = 90° SYMBOL

● = PROPOSED WELL HEAD.

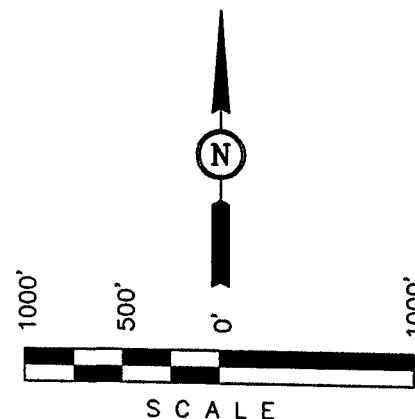
▲ = SECTION CORNERS LOCATED.

### DOMINION EXPLR. & PROD., INC.

Well location, HCU #12-33F, located as shown  
in the NW 1/4 SW 1/4 of Section 33, T10S,  
R20E, S.L.B.&M. Uintah County Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION  
20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK  
MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5  
MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE  
UNITED STATES DEPARTMENT OF THE INTERIOR,  
GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS  
BEING 5251 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF

*Robert H. Key*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-7-05	DATE DRAWN: 3-16-05
PARTY B.B. J.M. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC	

## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 12-33F  
1985' FSL & 416' FWL  
Section 33-10S-20E  
Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,585'
Uteland Limestone	3,955'
Wasatch	4,115'
Chapita Wells	5,015'
Uteland Buttes	6,265'
Mesaverde	7,190'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,585'	Oil
Uteland Limestone	3,955'	Oil
Wasatch	4,115'	Gas
Chapita Wells	5,015'	Gas
Uteland Buttes	6,265'	Gas
Mesaverde	7,190'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	8-5/8"	32.0 ppf	J-55	STC	0'	2,000'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,050'	7-7/8"

Note: The drilled depth of the surface hole and the setting depth of the surface casing may vary from 1,700' to 2,000'. Should a lost circulation zone be encountered while drilling, casing will be set approximately 300' below the lost circulation zone. If no lost circulation zone is encountered, casing to be set at 2,000'±.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized. Air foam mist, rotating head and diverter system will be utilized.

Production hole: Prior to drilling out the surface casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' - 2,000'	8.4	Air foam mist, rotating head and diverter
2,000' - 8,050'	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to surface casing.
- The gamma ray will be left on to record from total depth to surface casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to surface casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

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## DRILLING PLAN

### APPROVAL OF OPERATIONS

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

#### 12. CEMENT SYSTEMS

##### a. Surface Cement:

- Drill 12-1/4" hole to 2,000'±, run and cement 8-5/8" to surface (depth to vary based on depth of lost circulation zone).
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement the casing annulus to surface. Top out jobs to be performed if needed. Depending to depth of top of cement in the annulus, a 1" tubing string may or may not be utilized.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	252	0'-1,500'	11.0 ppg	3.82 CFS	619 CF	835 CF	35%
Tail	219	1,500'-2,000'	15.6 ppg	1.18 CFS	220 CF	297 CF	35%
Top Out	100	0'-200'	15.6 ppg	1.18 CFS	95 CF	118 CF	24% (if required)

Lead Mix: Premium Plus V blend. Blend includes Class "G" cement, gel, salt, gilsonite.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Slurry yield: 1.18 cf/sack      Slurry weight: 15.60 #/gal.  
Water requirement: 5.2 gal/sack

##### c. Production Casing Cement:

- Drill 7-7/8" hole to 8,050'±, run and cement 5 1/2".
- Cement interface is at 4,000', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	160	3,700'-4,700'	11.5 ppg	3.12 CFS	175 CF	350 CF	100%
Tail	435	4,700'-8,050'	13.0 ppg	1.75 CFS	473 CF	946 CF	100%

Note: A caliper log will be ran to determine cement volume requirements.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

#### 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: September 1, 2005  
Duration: 14 Days

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## SURFACE USE PLAN

### CONDITIONS OF APPROVAL

#### *Attachment for Permit to Drill*

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134  
**Well Location:** HCU 12-33F  
1985' FSL & 416' FWL  
Section 33-10S-20E  
Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The federal onsite inspection for the referenced well was conducted on Thursday, March 31, 2005 at approximately 2:45 pm. In attendance at the onsite inspection were the following individuals:

Ken Secrest	Foreman	Dominion E & P, Inc.
Brandon Bowthorpe	Surveyor	Uintah Engineering and Land Surveying
Jesse Merkley	Surveyors Helper	Uintah Engineering and Land Surveying
Stan Olmstead	Nat. Res. Prot. Spec.	Bureau of Land Management – Vernal
Randy Jackson	Foreman	Jackson Construction
Lonnie Hogan	Foreman	LaRose Construction
Don Hamilton	Permitting Agent	Buys & Associates, Inc.

1. Existing Roads:
  - a. The proposed well site is located approximately 12.89 miles south of Ouray, UT.
  - b. Directions to the proposed well site have been attached at the end of Exhibit B.
  - c. The use of roads under State and County Road Department maintenance are necessary to access the Hill Creek Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
  - d. All existing roads will be maintained and kept in good repair during all phases of operation.
  - e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
  - f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.
  - g. An off-lease federal Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing Hill Creek Unit boundary.

2. Planned Access Roads:

- a. From the proposed road that will access the HCU 10-28F an access is proposed trending northeast approximately 0.28 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.
- b. The proposed access road will consist of a 14' travel surface within a 30' disturbed area.
- c. BLM approval to construct and utilize the proposed access road is requested with this application.
- d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.
- e. No turnouts are proposed since the access road is only 0.28 miles long and adequate site distance exists in all directions.
- f. No culverts or low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.
- g. No surfacing material will come from federal or Indian lands.
- h. No gates or cattle guards are anticipated at this time.
- i. Surface disturbance and vehicular travel will be limited to the approved location access road.
- j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

- a. Following is a list of existing wells within a one mile radius of the proposed well:
  - i. Water wells                      None
  - ii. Injection wells                  None
  - iii. Disposal wells                  None
  - iv. Drilling wells                   None
  - v. Temp. shut-in wells              1
  - vi. Producing wells                  2
  - vii. Abandon wells                  None
- b. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.



4. Location of Production Facilities:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the east side of the well site and traverse 127' east then 0.28 miles southwest to the proposed 10" pipeline that will service the HCU 10-28F.
- i. The new gas pipeline will be a 6" steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 0.3 miles is associated with this well.
- j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

- a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.
- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed

of in the same manner as the drilling fluid.

- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

- a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the east.
- c. The pad and road designs are consistent with BLM and Tribal specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters from entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- k. Pits will remain fenced until site cleanup.
- l. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On Ute Tribal and BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be identified in the BLM approval documents.

11. Surface and Mineral Ownership:

- a. Surface Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- b. Mineral Ownership – Federal under the management of the Bureau of Land Management - Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological will conduct a Class III archeological survey once snow cover is gone. A copy of the report will be submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Our understanding of the results of the onsite inspection are:
  - a. No drainage crossings that require additional State or Federal approval are being crossed.
  - b. A biological review by the BLM in the spring will be necessary to confirm the presence of threatened and endangered flora and fauna species.
  - c. No raptor habitat is known to exist within 1 mile of the proposed wellsite.

13. Operator's Representative and Certification

<u>Title</u>	<u>Name</u>	<u>Office Phone</u>
Company Representative (Roosevelt)	Mitchiel Hall	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 4-20-05

# DOMINION EXPLR. & PROD., INC.

HCU #12-33F

SECTION 33, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 4.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.45 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING TWO-TRACK ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #10-28F TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY, THEN WESTERLY, THEN NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #13-33F TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #5-33F TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.15 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 150' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.9 MILES.

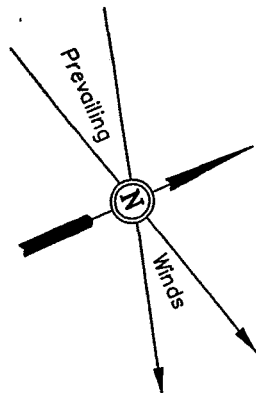
# DOMINION EXPLR. & PROD., INC.

## LOCATION LAYOUT FOR

HCU #12-33F

SECTION 33, T10S, R20E, S.L.B.&M.

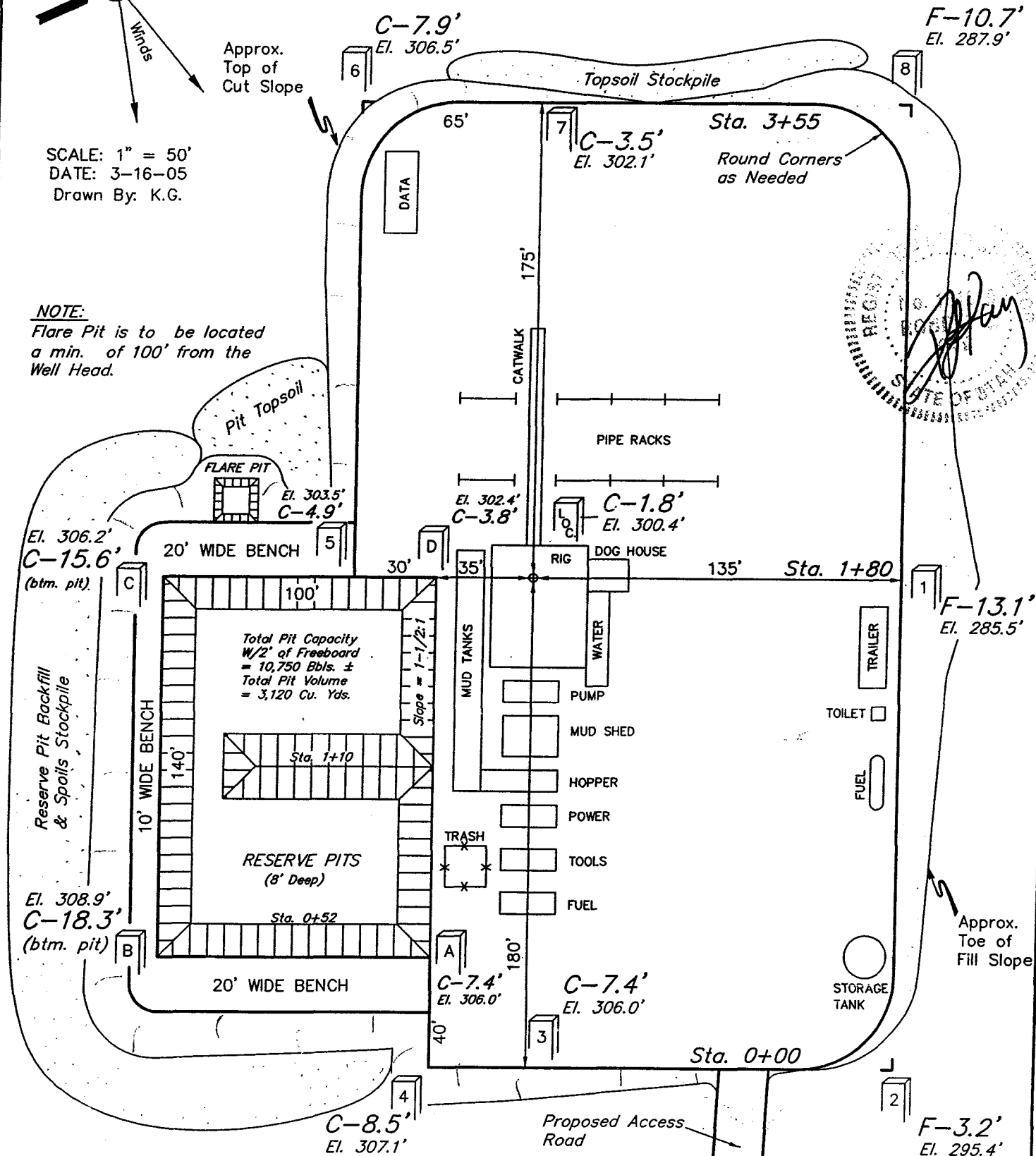
1985' FSL 416' FWL



SCALE: 1" = 50'  
DATE: 3-16-05  
Drawn By: K.G.

### NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 5300.4'  
Elev. Graded Ground at Location Stake = 5298.6'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

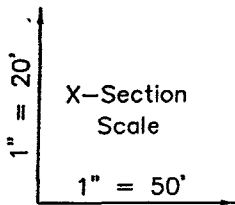
# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

HCU #12-33F

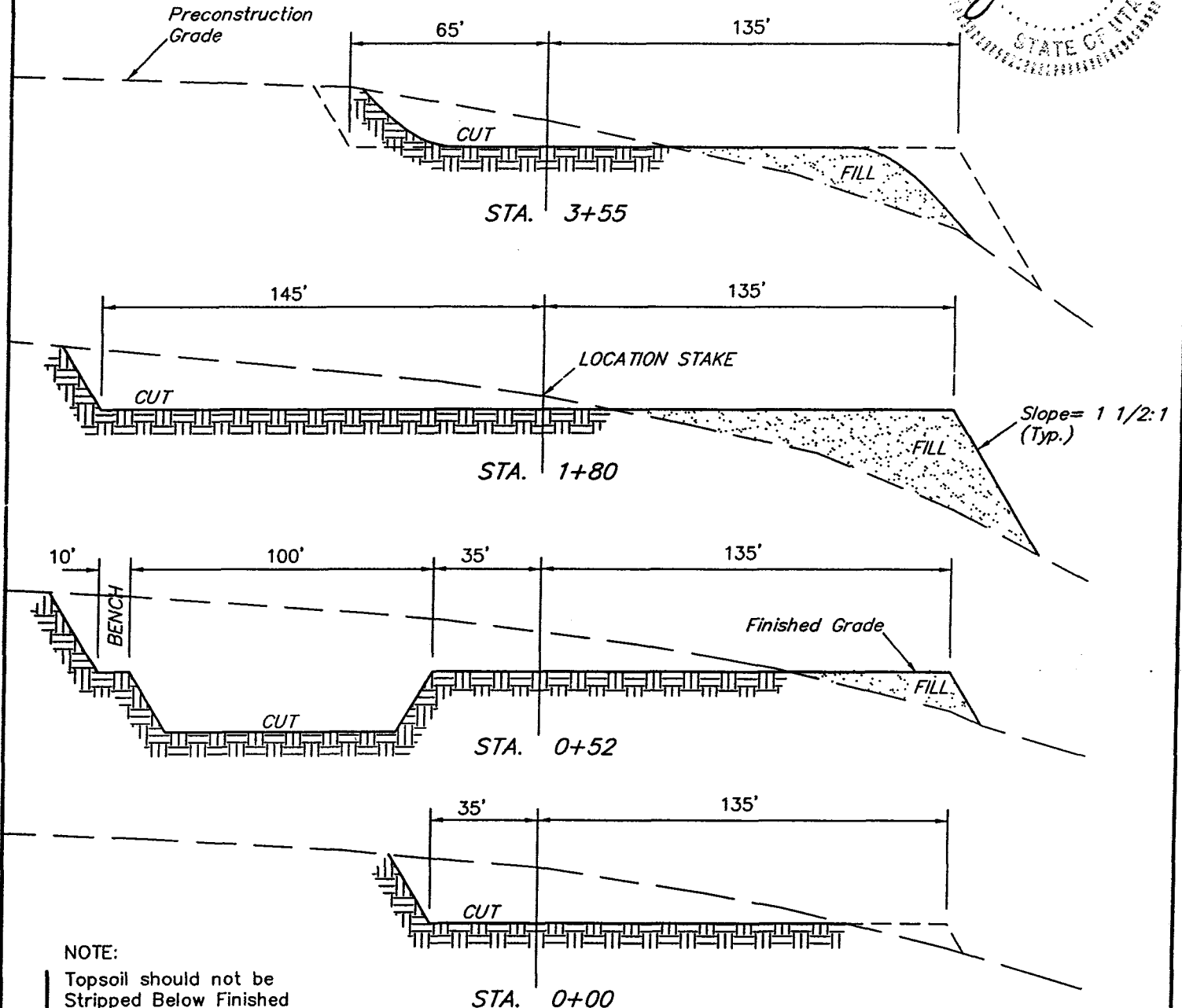
SECTION 33, T10S, R20E, S.L.B.&M.

1985' FSL 416' FWL



DATE: 3-16-05

Drawn By: K.G.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 1,920 Cu. Yds.

Remaining Location = 13,340 Cu. Yds.

TOTAL CUT = 15,260 CU.YDS.

FILL = 6,340 CU.YDS.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 8,920 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,480 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 5,440 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# DOMINION EXPLR. & PROD., INC.

HCU #12-33F

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 33, T10S, R20E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**E&L** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

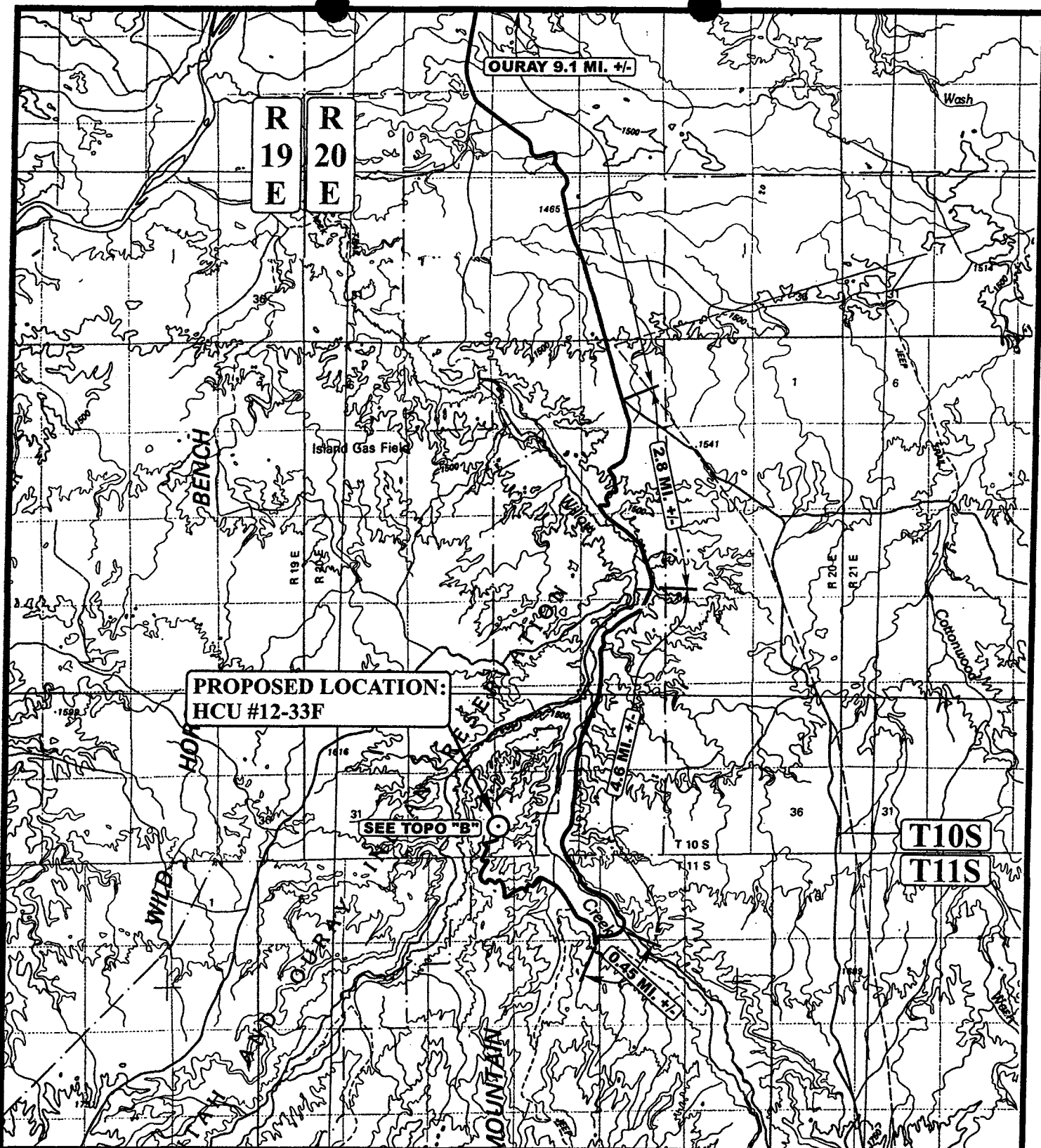
03 09 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: C.P.

REVISED: 00-00-00



# LEGEND:

○ PROPOSED LOCATION

DOMINION EXPLR. & PROD., INC.

HCU #12-33F

SECTION 33, T10S, R20E, S.L.B.&M.

1985' FSL 416' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

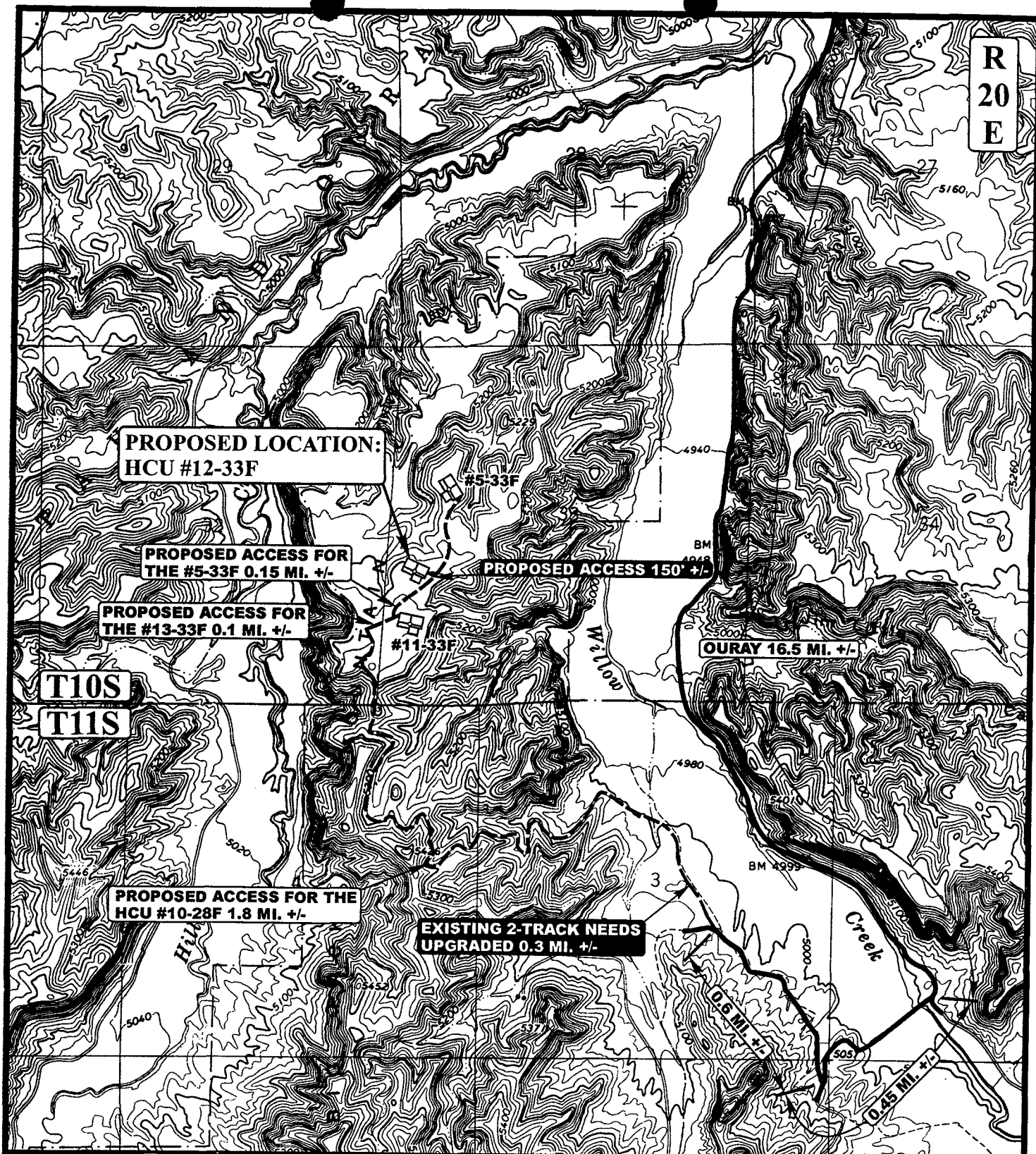
03 09 05  
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 00-00-00





# **LEGEND:**

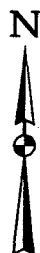
- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

**DOMINION EXPLR. & PROD., INC.**

**HCU #12-33F**  
**SECTION 33, T10S, R20E, S.L.B.&M.**  
**1985' FSL 416' FWL**

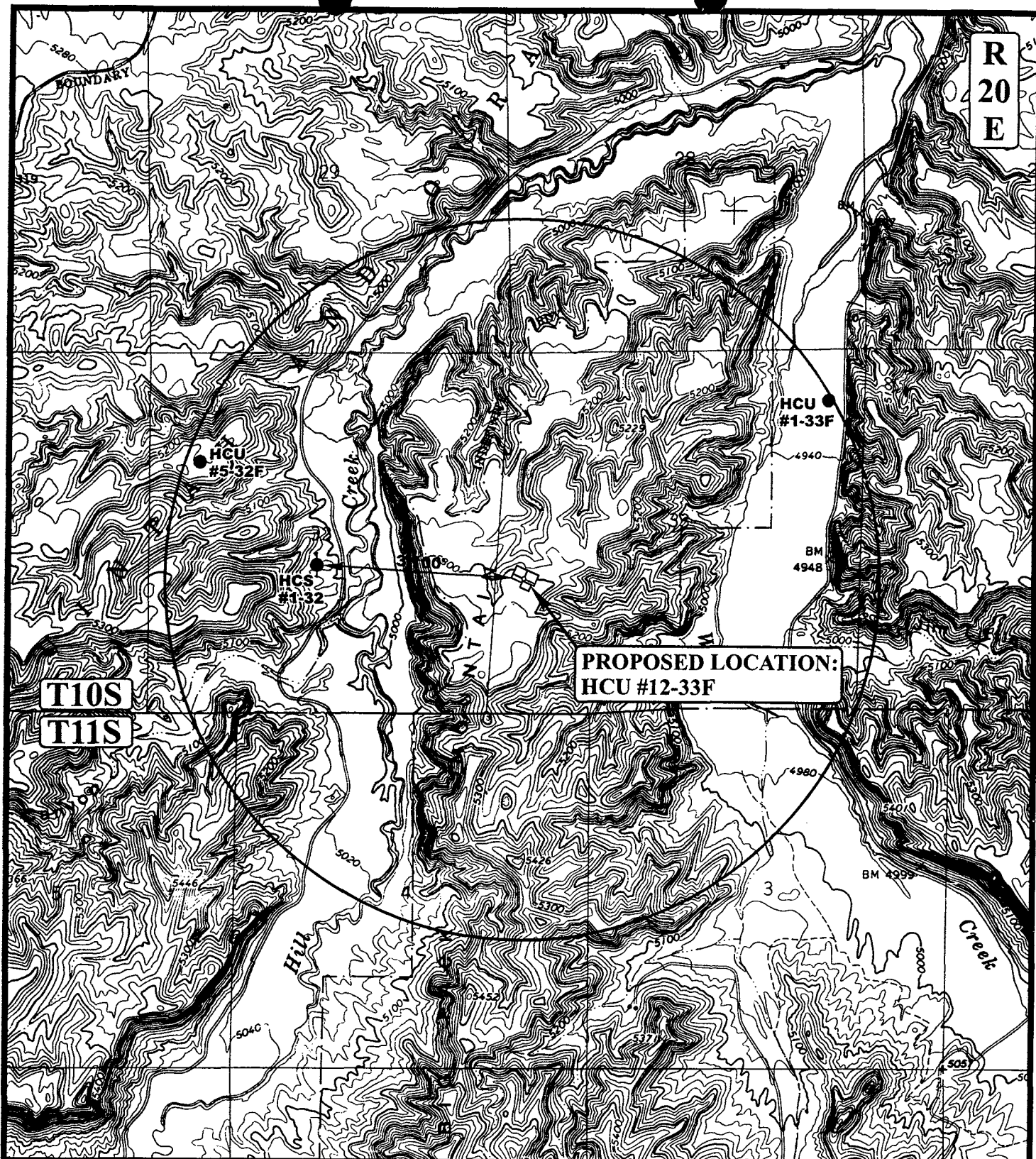


**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC** **03** **09** **05**  
**MAP** **MONTH** **DAY** **YEAR**  
**SCALE: 1" = 2000'** **DRAWN BY: C.P.** **REVISED: 00-00-00**

**B**  
**TOPO**



# LEGEND:

- |                   |                   |
|-------------------|-------------------|
| ⊗ DISPOSAL WELLS  | ⊗ WATER WELLS     |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS   | ●                 |



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



# DOMINION EXPLR. & PROD., INC.

HCU #12-33F  
 SECTION 33, T10S, R20E, S.L.B.&M.  
 1985' FSL 416' FWL

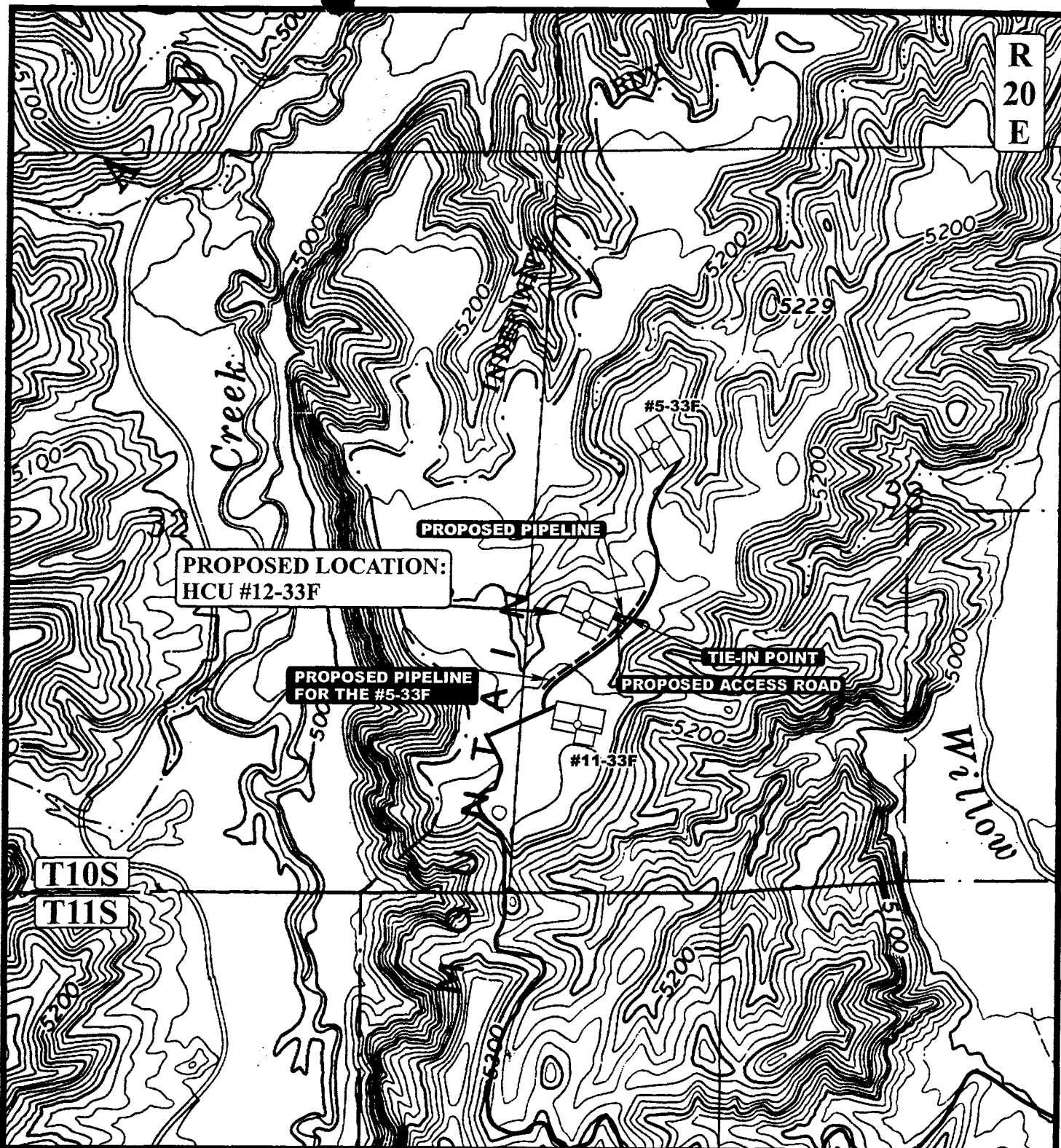
TOPOGRAPHIC  
 MAP

03 09 05  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00







APPROXIMATE TOTAL PIPELINE DISTANCE = 127 +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



**DOMINION EXPLR. & PROD., INC.**

HCU #12-33F  
SECTION 33, T10S, R20E, S.L.B.&M.  
1985' FSL 416' FWL

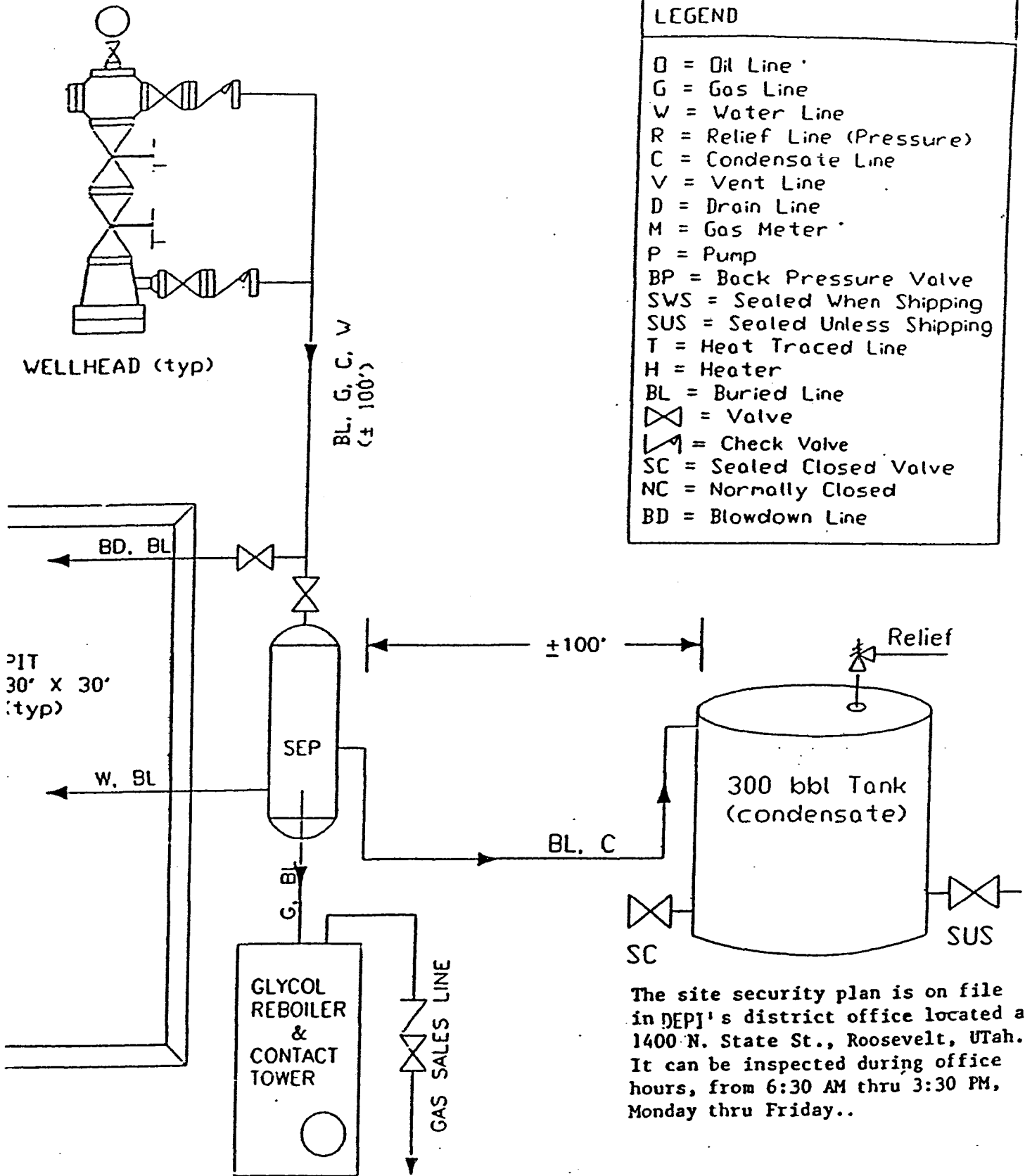


Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP  
03 09 05  
MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



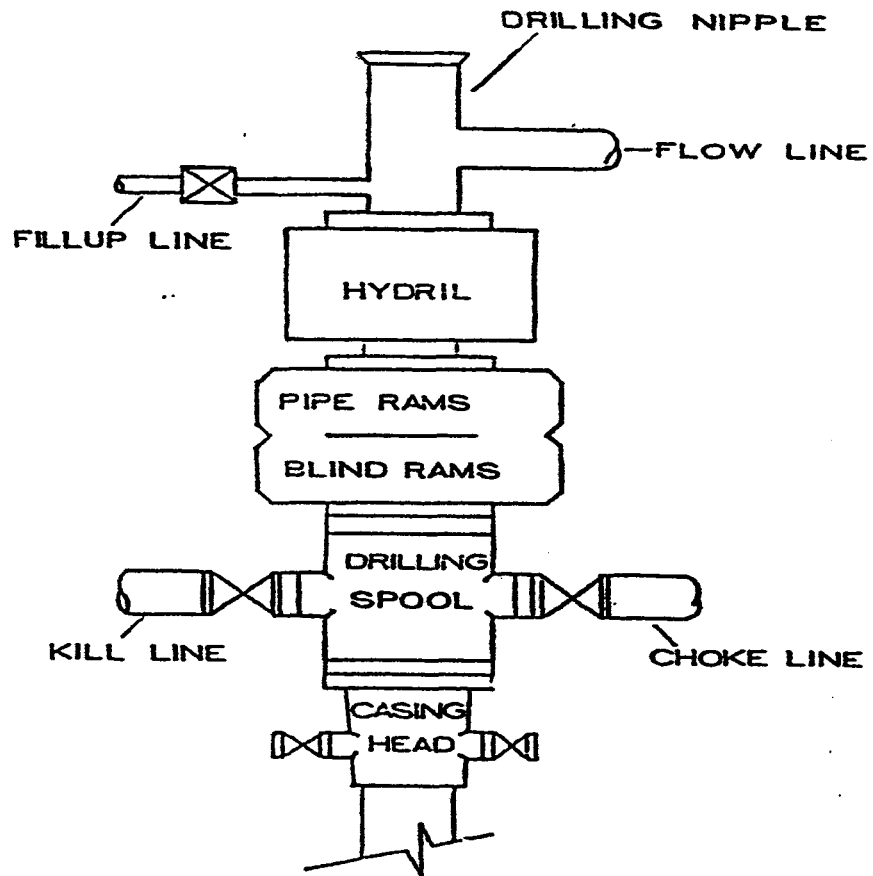
CONFIDENTIAL



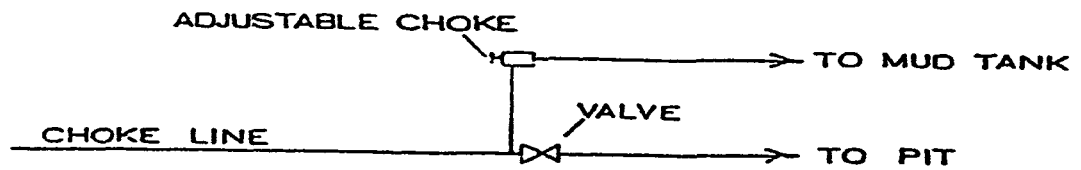
The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

DOMINION EXPLORATION & PRODUCTION, INC.

## BOP STACK



## CHOKE MANIFOLD



004

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/25/2005

API NO. ASSIGNED: 43-047-36602

WELL NAME: HCU 12-33F

OPERATOR: DOMINION EXPL &amp; PROD ( N1095 )

CONTACT: DON HAMILTON

PHONE NUMBER: 435-650-1886

## PROPOSED LOCATION:

NWSW 33 100S 200E

SURFACE: 1985 FSL 0416 FWL

BOTTOM: 1985 FSL 0416 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-28203

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.90187

LONGITUDE: -109.6776

## RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 76S630500330 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10447 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

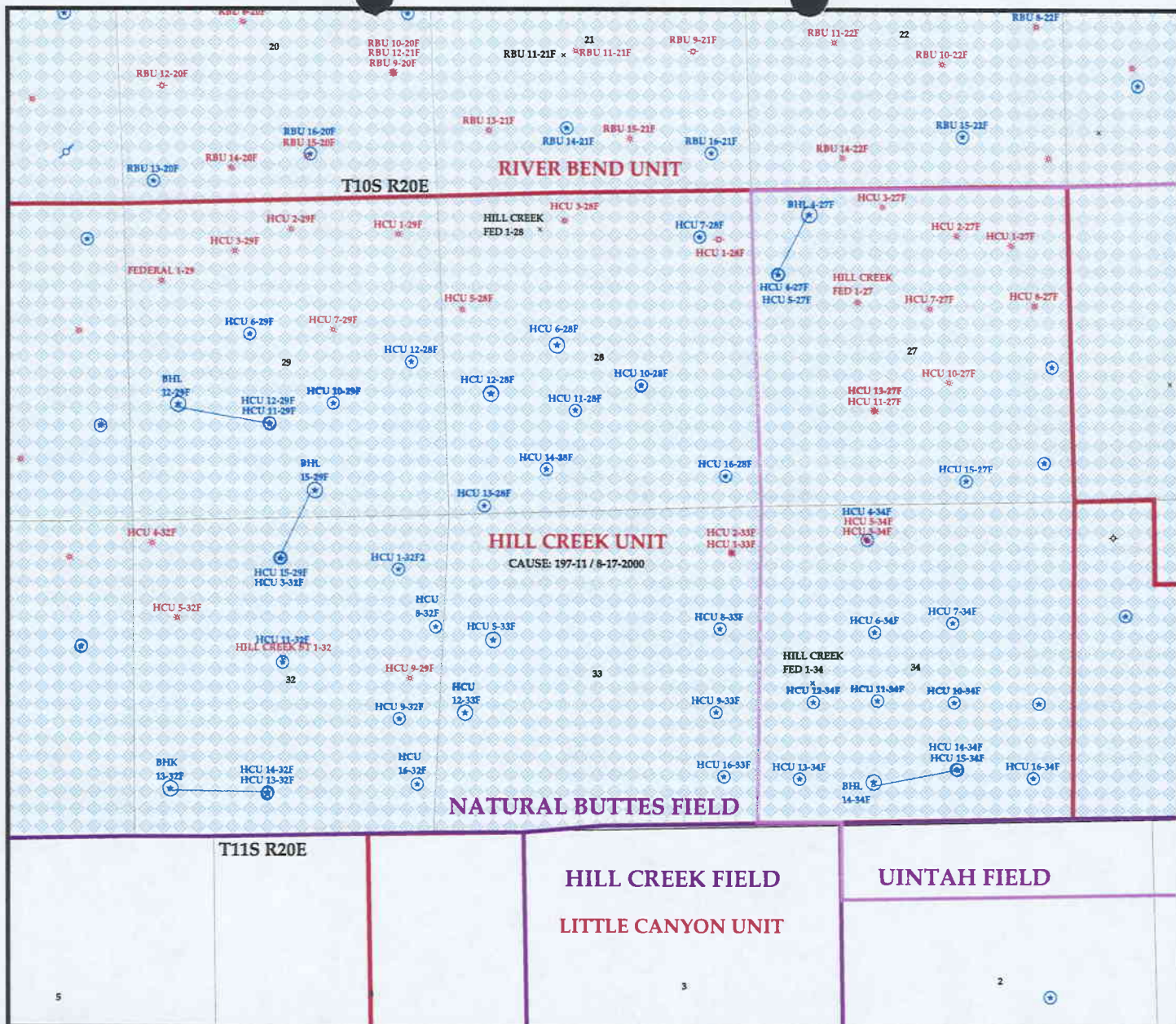
\_\_\_ R649-2-3.  
Unit HILL CREEK  
\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 197-11  
Eff Date: 8-17-2000  
Siting: Suspends Gen Siting  
\_\_\_ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal approved  
2- OIL SHALE





OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 28 & 33 T. 10S R. 20E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 197-11 / 8-17-2000

#### Wells

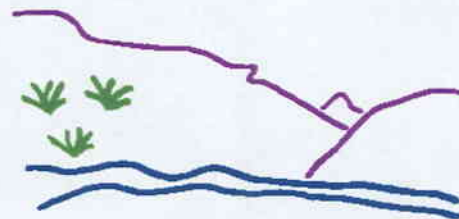
- ✱ GAS INJECTION
- ✱ GAS STORAGE
- ✱ LOCATION ABANDONED
- ⊙ NEW LOCATION
- ✱ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- ✱ SHUT-IN GAS
- ✱ SHUT-IN OIL
- ✱ TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ⚡ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 26-APRIL-2005

## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

April 27, 2005

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Hill Creek Unit  
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Hill Creek Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ Mesaverde)

43-047-36603	HCU 6-28F Sec 28 T10S R20E 2484 FNL 1901 FWL	
43-047-36604	HCU 12-28F Sec 28 T10S R20E 2032 FSL 0767 FWL	
43-047-36601	HCU 5-33F Sec 33 T10S R20E 2099 FNL 0832 FWL	
43-047-36602	HCU 12-33F Sec 33 T10S R20E 1985 FSL 0416 FWL	

The 12-28F was originally permitted as a directional well, API number 43-047-35349. This office has no objections to permitting the wells at this time provided that the original application for permit to drill for the 12-28F API number 43-047-35349 is rescinded.

/s/ Michael L. Coulthard

bcc: File - Hill Creek Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:4-27-05

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

MARY ANN WRIGHT  
*Acting Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

April 28, 2005

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, Oklahoma 73134

Re: Hill Creek Unit 12-33F Well, 1985' FSL, 416' FWL, NW SW, Sec. 33,  
T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36602.

Sincerely,

*for* John R. Baza  
Associate Director

jc  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** Dominion Exploration & Production, Inc.  
**Well Name & Number** Hill Creek Unit 12-33F  
**API Number:** 43-047-36602  
**Lease:** U-28203

**Location:** NW SW      **Sec.** 33      **T.** 10 South      **R.** 20 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

*SUBMIT IN TRIPLICATE*

1. Type of Well

☐ Oil ☒ Gas ☐

2. Name of Operator

Dominion Exploration & Production, Inc.

3. Address and Telephone No.

14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1,985' FSL, 416' FWL, NW/4 SW/4, Section 33, T10S, R20E, SLB&M

5. Lease Designation and Serial No.  
U-28203

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA, Agreement Designation  
Hill Creek Unit

8. Well Name and No.  
HCU 12-33F

9. API Well No.  
43-047-36602

10. Field and Pool, or Exploratory Area  
Natural Buttes

11. County or Parish, State  
Uintah, Utah

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Change of Name  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Location layout change

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

13. Describe Proposed or Completed Operations ( Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**The location layout has changed for the HCU 12-33F following restaking of a directional well on the pad following the onsite visit.**

**Attached please find an updated plat package that reflects the new location layout to replace Exhibits "A" and "B" of the previously submitted APD package.**

**RECEIVED**

**JUL 11 2005**

**DIV. OF OIL, GAS & MINING**

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

**FILE COPY**

14. I hereby certify that the foregoing is true and correct

Signed Don Hamilton Don Hamilton Title Agent for Dominion Date July 6, 2005

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

T10S, R20E, S.L.B.&M.

1928 Brass Cap  
Pile of Stones

S89°11'09"W - 2631.49' (Meas.)

S89°09'00"W - 2630.14' (Meas.)

1928 Brass Cap  
Pile of Stones

1928 Brass Cap  
0.8' High, Pile  
of Stones

N03°32'29"E - 2658.47' (Meas.)

N01°19'12"E - 2644.51' (Meas.)

1928 Brass Cap  
Pile of Stones

33

1928 Brass Cap  
0.8' High, Pile  
of Stones

N01°18'49"E - 2645.67' (Meas.)

416' HCU #12-33F  
Elev. Ungraded Ground = 5300'

N03°33'12"E - 2654.00' (Meas.)

A.P., Set Stone,  
Pile of Stones

1928 Brass Cap  
0.4' High, E-W  
Fenceline, Set  
Marked Stone

1928 Brass Cap  
1.3' High, Pile  
of Stones

T10S  
T11S

S89°51'17"W -  
1532.82' (Meas.)

S86°17'49"W -  
1318.46' (Meas.)

S89°58'51"W - 2619.67' (Meas.)

1928 Brass Cap  
Pile of Stones

### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)

LATITUDE = 39°54'06.65" (39.901847)

LONGITUDE = 109°40'41.82" (109.678283)

(NAD 27)

LATITUDE = 39°54'06.78" (39.901883)

LONGITUDE = 109°40'39.33" (109.677592)

### LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

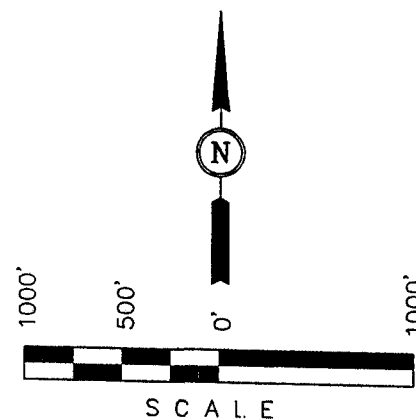
▲ = SECTION CORNERS LOCATED.

### DOMINION EXPLR. & PROD., INC.

Well location, HCU #12-33F, located as shown  
in the NW 1/4 SW 1/4 of Section 33, T10S,  
R20E, S.L.B.&M. Uintah County Utah.

### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION  
20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK  
MTN. NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5  
MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE  
UNITED STATES DEPARTMENT OF THE INTERIOR,  
GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS  
BEING 5251 FEET.



### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF

*John H. Hays*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

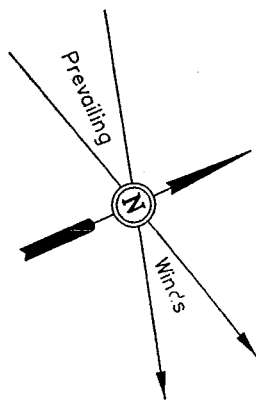
SCALE 1" = 1000'	DATE SURVEYED: 3-7-05	DATE DRAWN: 3-16-05
PARTY B.B. J.M. K.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC	



LOCATION LAYOUT FOR

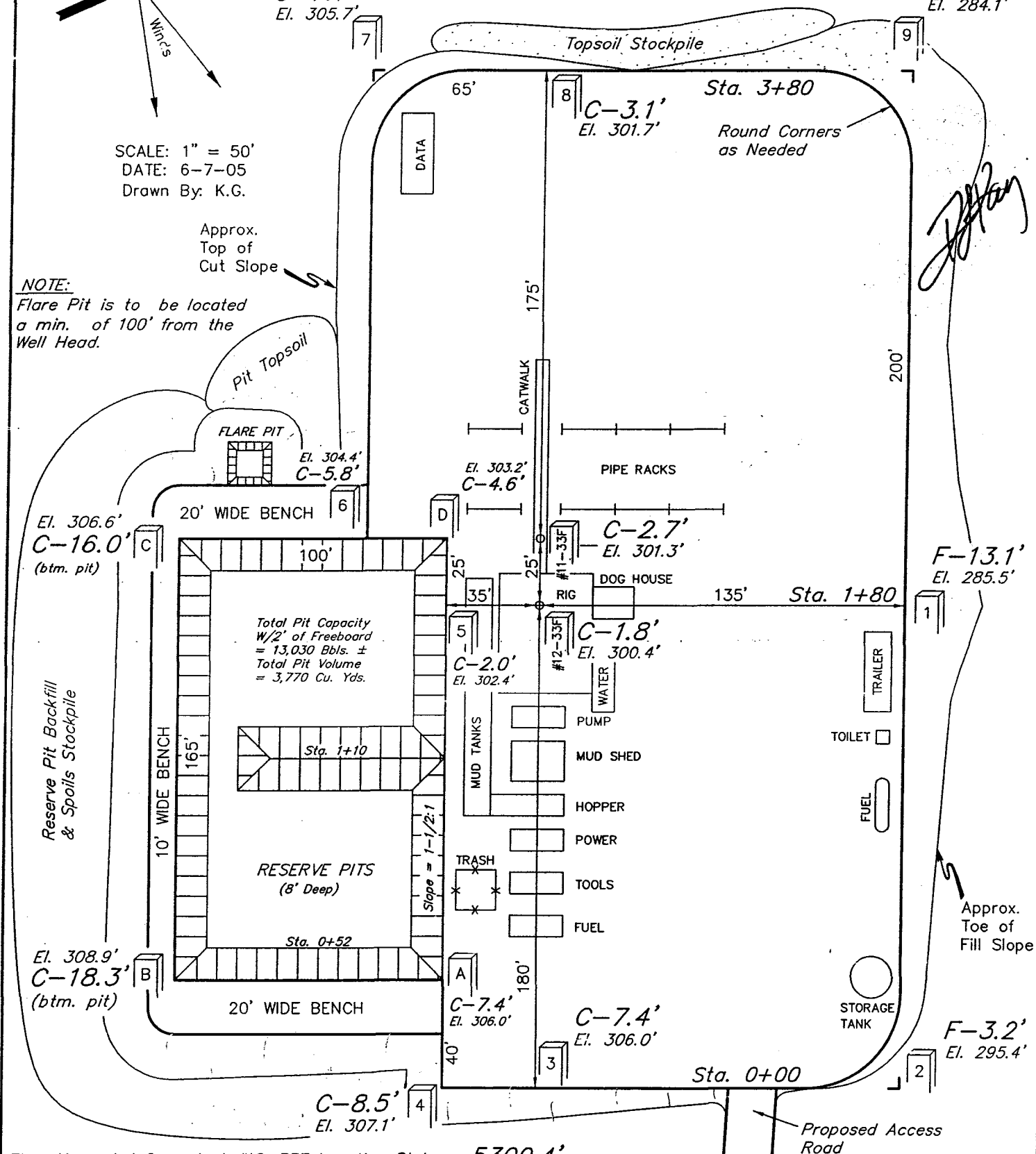
C-7.1'  
El. 305.72

F-14.5'  
El. 284.1'



Approx.  
Top of  
Cut Slope

NOTE:  
Flare Pit is to be located  
a min. of 100' from the  
Well Head.



Elev. Ungraded Ground at #12-33F Location Stake = 5300.4'  
Elev. Graded Ground at #12-33F Location Stake = 5298.6'

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

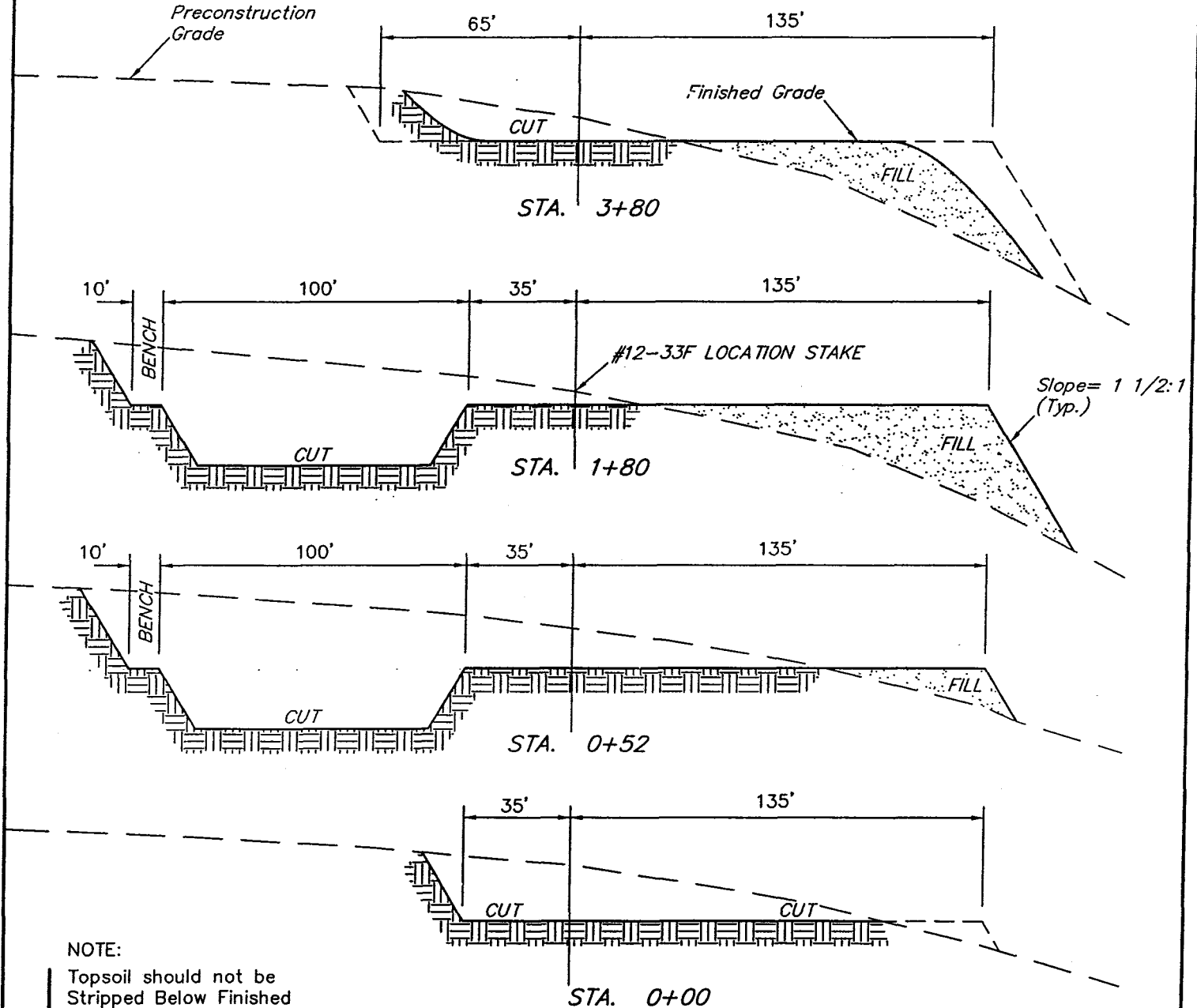
# DOMINION EXPLR. & PROD., INC.

## TYPICAL CROSS SECTIONS FOR

HCU #12-33F & HCU #11-33F  
SECTION 33, T10S, R20E, S.L.B.&M.  
NW 1/4 SW 1/4

1" = 20'  
X-Section  
Scale  
1" = 50'  
DATE: 6-7-05  
Drawn By: K.G.

*[Handwritten Signature]*



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### APPROXIMATE YARDAGES

#### CUT

(6") Topsoil Stripping = 2,100 Cu. Yds.

Remaining Location = 15,080 Cu. Yds.

**TOTAL CUT = 17,180 CU.YDS.**

**FILL = 7,190 CU.YDS.**

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL = 9,990 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,990 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 6,000 Cu. Yds.

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# DOMINION EXPLR. & PROD., INC.

HCU #12-33F #11-33F  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 33, T10S, R20E, S.L.B.&M.

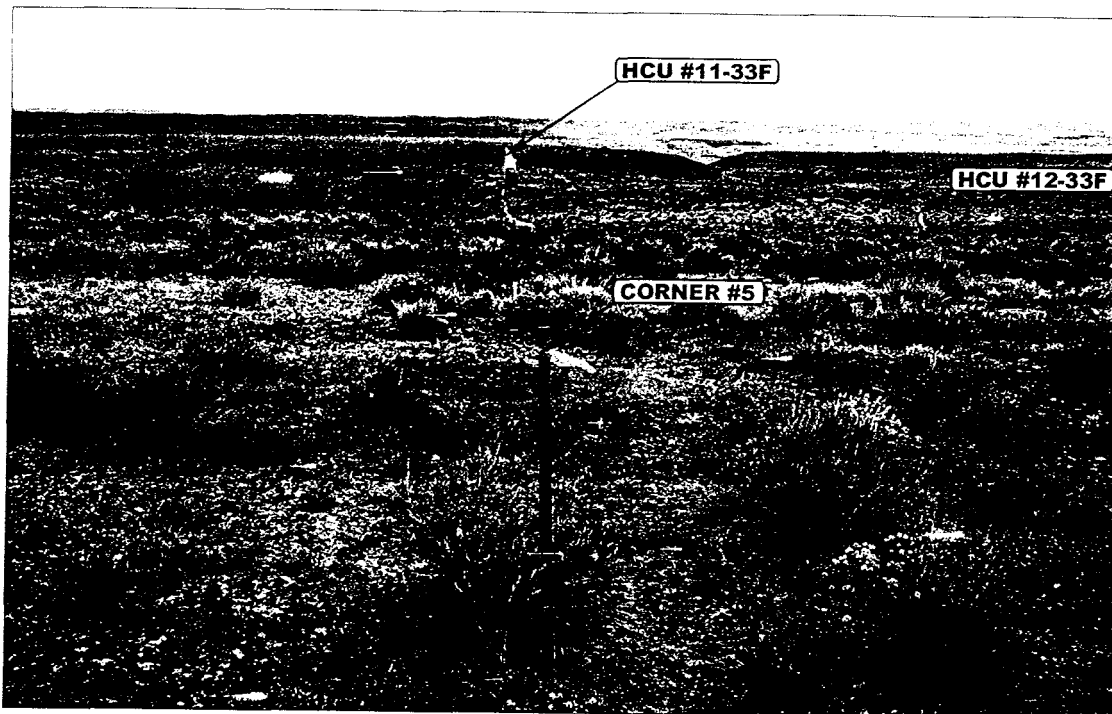


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

**E L S**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

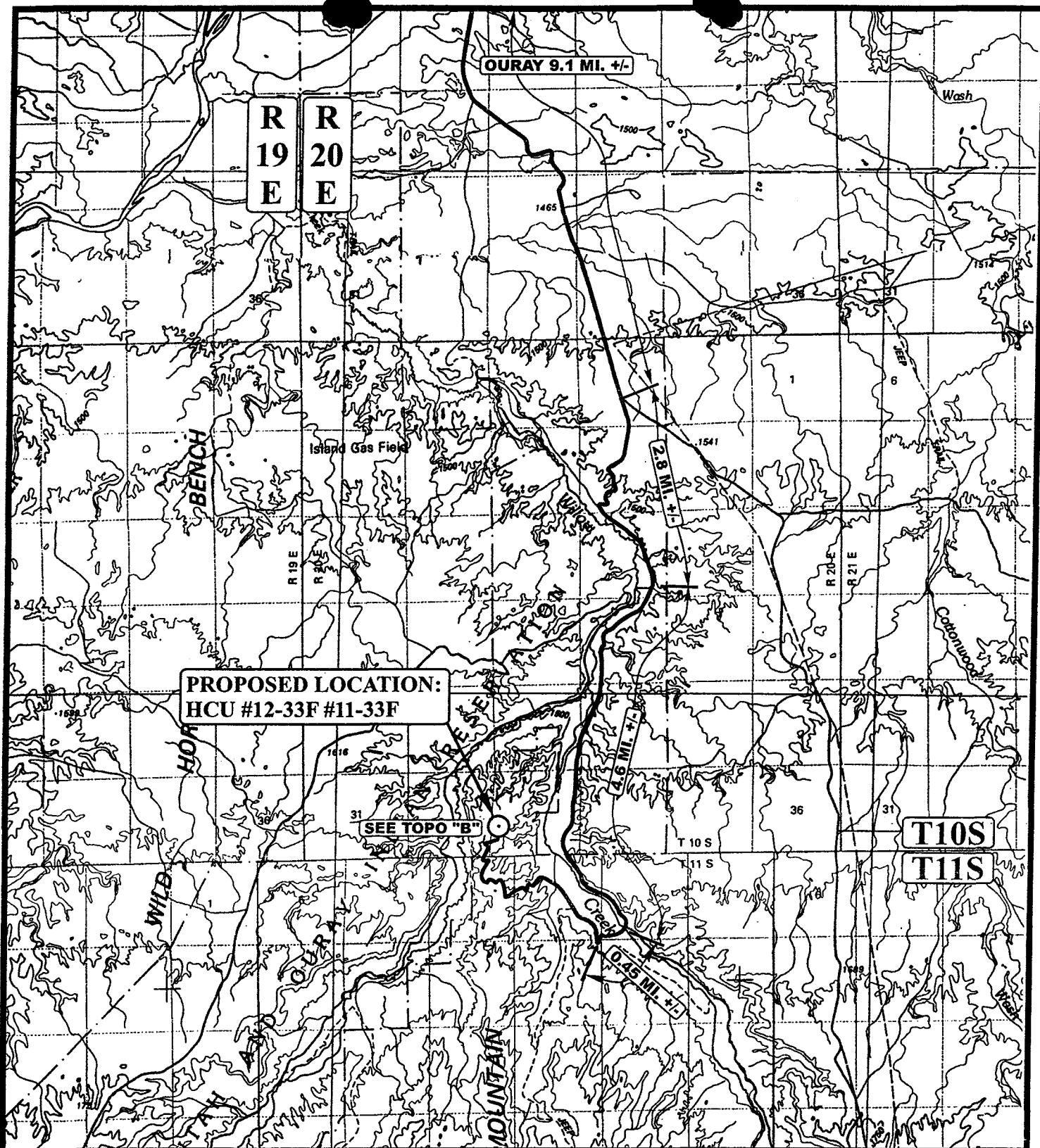
03 09 05  
MONTH DAY YEAR

PHOTO

TAKEN BY: M.A.

DRAWN BY: C.P.

REVISED: 05-31-05



**LEGEND:**

○ PROPOSED LOCATION



**DOMINION EXPLR. & PROD., INC.**

HCU #12-33F #11-33F

SECTION 33, T10S, R20E, S.L.B.&M.

NW 1/4 SW 1/4



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

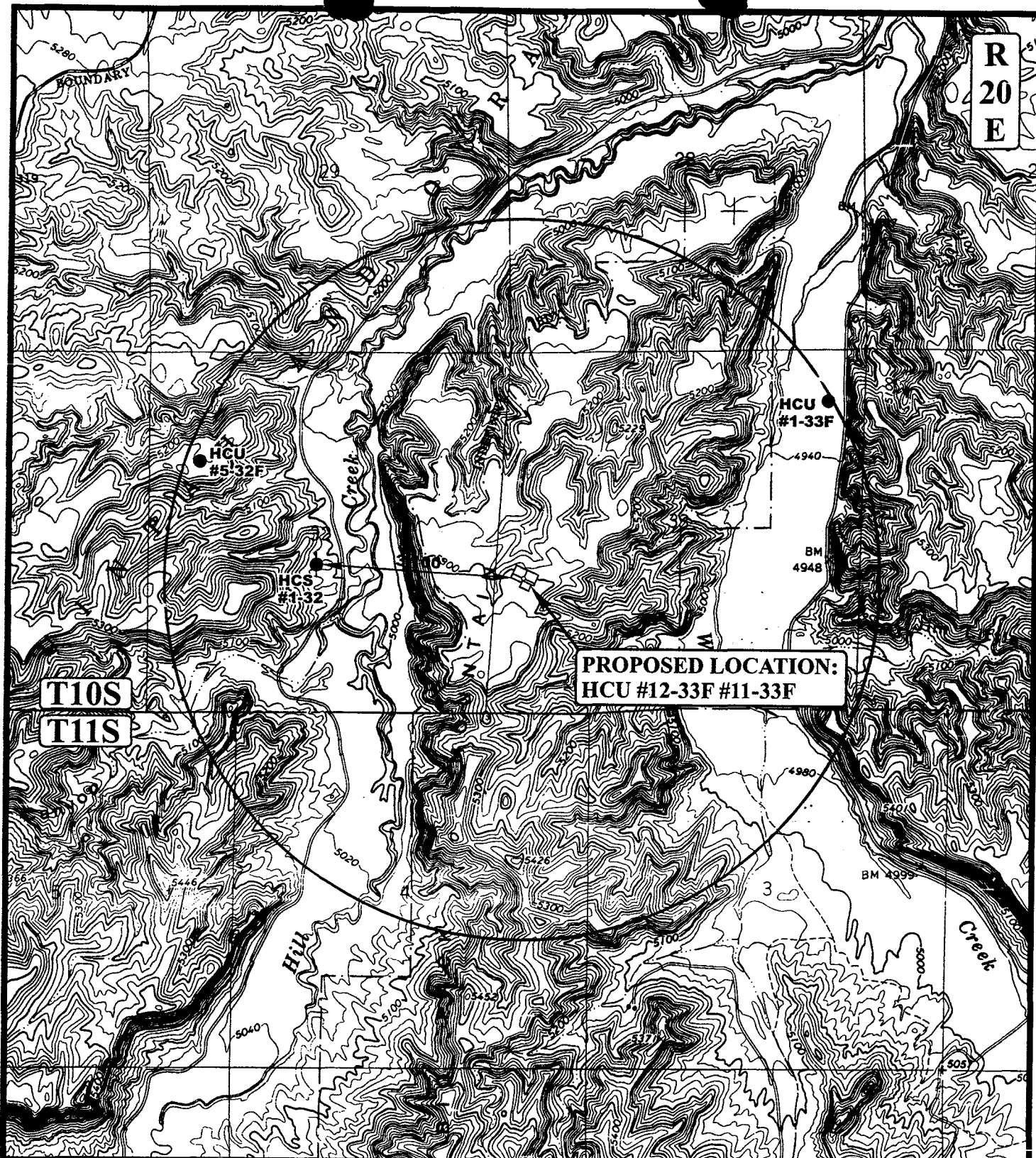
**TOPOGRAPHIC  
MAP**

**03 09 05**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 05-31-05







**LEGEND:**

- |                   |                   |
|-------------------|-------------------|
| Ø DISPOSAL WELLS  | ♂ WATER WELLS     |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS   | ●                 |

**DOMINION EXPLR. & PROD., INC.**

HCU #12-33F #11-33F  
SECTION 33, T10S, R20E, S.L.B.&M.  
NW 1/4 SW 1/4



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



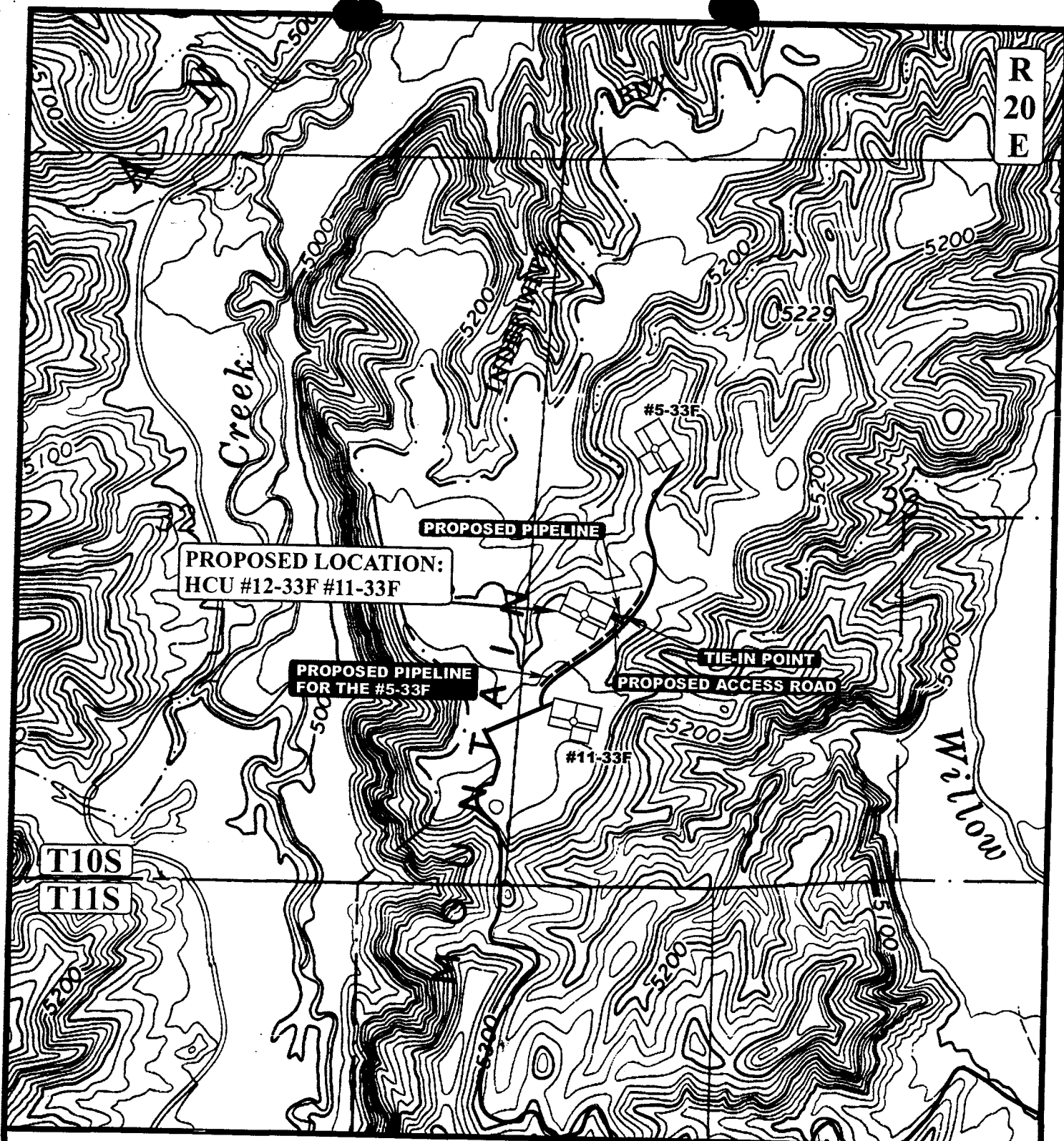
TOPOGRAPHIC  
MAP

03	09	05
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 05-31-05







APPROXIMATE TOTAL PIPELINE DISTANCE = 127 +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)



**DOMINION EXPLR. & PROD., INC.**

HCU #12-33F #11-33F

SECTION 33, T10S, R20E, S.L.B.&M.

NW 1/4 SW 1/4



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**03 09 05**  
MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: C.P.

REVISED: 05-31-05

**D**  
**TOPO**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-28203
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR Dominion Exploration & Production, Inc.		7. UNIT AGREEMENT NAME Hill Creek Unit
3. ADDRESS AND TELEPHONE NO. 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134, 405-749-5263		8. FARM OR LEASE NAME, WELL NO. HCU 12-33F
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface 1,985' FSL, 416' FWL NW/4 SW/4 At proposed prod. zone 1,985' FSL, 416' FWL NW/4 SW/4		9. AP WELL NO. #304736602
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12.89 miles south of Ouray, Utah		10. FIELD AND POOL, OR WILDCAT Natural Buttes
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 416'		11. SEC., T., R., M., OR BLK. Section 33, T10S, R20E, SLB&M
16. NO. OF ACRES IN LEASE 1,880		12. COUNTY OR PARISH Uintah
17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres		13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1,300'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5,300' GR		22. APPROX. DATE WORK WILL START* September 1, 2005

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" J-55 ST&C	32#	2,000'	252 sks Lead, 219 sks, tail, 100 sks top out—see attached Drilling Plan
7-7/8"	5-1/2" Mav 80 LT&C	17#	8,050'	160 sks Lead, 435 sks Tail—see attached Drilling Plan

Bond Information:

Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330

Other Information:

Drilling Plan and Surface Use Plan are attached.  
Dominion requests that this complete application for permit to drill be held confidential.  
A request for exception to spacing (R649-3-2) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

MAR 13 2006  
DIV. OF OIL, GAS & MINING  
CONFIDENTIAL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Don Hamilton Don Hamilton TITLE Agent for Dominion DATE April 20, 2005

(This space for Federal or State office use)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY.

APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 02/29/2006

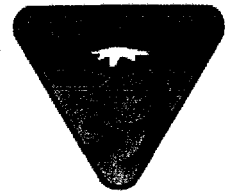
UDOGM

\*See Instructions On Reverse Side



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: **Dominion Expl. & Prod. Inc.** Location: **NWSW, Sec 33, T10S, R20E**  
Well No: **HCU 12-33F** Lease No: **UTU-28203**  
API No: **43-047-36602** Agreement: **Hill Creek WS MV**

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Karl Wright)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Karl Wright)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

1. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.
2. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
3. Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
4. The following seed mixture shall be used:

Type		lbs./acre
Shadscale	Atriplex confertifolia	3
Fourwing salt bush	Atgriplex canescens	3
Galleta grass	Hilaria jamesil	3
Gardners salt brush	Atriplex gardneri	3
** Seed shall be drilled; but if broadcasted double the pounds per acre used and work the solids mechanically to cover the seed.		

5. Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.
6. The pits will be lined with 16 ply or greater plastic liners, and padded with the appropriate layers of felt to prevent any punctures of the liner.
7. The entire pad will be bermed, to deter any potential water flows from entering the pad and potentially carrying oil and/or gas products down the mountain into Willow Creek or Hill Creek and ultimately into the Green River.



### **DOWNHOLE CONDITIONS OF APPROVAL**

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

1. As a minimum requirement, the cement behind the production casing must extend at least 200' above the top of the usable water identified at  $\pm 4312'$ .

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior

approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

**Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future

meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day

period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address Suite 600  
14000 Quail Springs Parkway, OKC, OK 73134

3b. Phone No. (include area code)  
(405) 749-5263

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1985' FSL & 416' FWL, Sec. 33-10S-20E

5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 12-33F

9. API Well No.

43-047-36602

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	APD Extension
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The state APD for this well expires April 28, 2006. Dominion is hereby requesting a one year extension.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 04-05-06  
By: [Signature]

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Carla Christian

Title Sr. Regulatory Specialist

Signature

[Signature]

Date 03/24/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

MAR 30 2006

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-36602  
**Well Name:** HCU 12-33F  
**Location:** Section 33-10S-20E, 1985' FSL & 416' FWL  
**Company Permit Issued to:** Dominion Exploration & Production, Inc.  
**Date Original Permit Issued:** 4/28/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

Carla Christian  
Signature

3/23/2006  
Date

Title: Sr. Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

MAR 30 2006

43-047-36602

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: DOMINION EXPL & PROD INC

Well Name: HCU 12-33F

Api No: 43-047-36602 Lease Type: FEDERAL

Section 33 Township 10S Range 20E County UINTAH

Drilling Contractor BILL JR'S RIG # 6

### SPUDDED:

Date 12/04/06

Time 3:00 PM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by PAT WISENER

Telephone # (435) 828-1455

Date 12/05/2006 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095  
Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state OK zip 73134 Phone Number: (405) 749-5237

**Well 1**

API Number	Well Name	QQ	Sec	Twp	Rng	County
43-047-36602	HCU 12-33F	NWSW	33	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	12829	12/4/2006	12/13/06		
Comments: <u>MVRD = WSMVD</u> <b>CONFIDENTIAL</b>						

**Well 2**

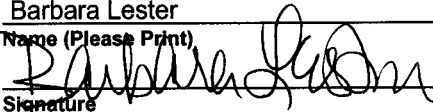
API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**Well 3**

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments: <b>RECEIVED</b> <b>DEC 11 2006</b>						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

DIV. OF OIL, GAS & MINING  
Barbara Lester  
Name (Please Print)  
  
Signature  
Regulatory Specialist  
Title  
12/5/2006  
Date



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1985' FSL & 416' FWL, NW SW, Sec. 33-10S-20E

5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 12-33F

9. API Well No.

43-047-36602

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			Spud Well

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

12/4/06 - Spud well. Ran 51 jts 8 5/8", 32#, J-55 ST&C csg @ 2183'. Cement lead w/240 sks Hi-Fill "V", 11.0 ppg, 3.82 yld, tailed w/225 sks Class "G", 15.8 ppg, 1.15 yld w/partial returns. Mixed & pump w/125 sks, 15.8 ppg, 1.15 yld. Wait 2 hrs, mix & pump w/100 sks, 15.8 ppg, 1.15 yld w/20 bbls cement to surface. Vernal BLM rep. Cliff Johnson witnessed casing & cementing operations.

RECEIVED

DEC 26 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature

*Barbara Lester*

Date 12/20/2006

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 1/11/2007 at 2:14:32 PM

**Pages :** 2 (including Cover)

**Subject :** HCU 12-33F *T/OS R20E S-33 43-047-36602*

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JAN 11 2007

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****CONFIDENTIAL****WELL NAME : HCU 12-33F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050

SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$215,183.00

EVENT CC: \$0.00

EVENT TC: \$215,183.00

WELL TOTL COST: \$215,183

**REPORT DATE: 12/06/06**

MD : 2,250

TVD : 2,250

DAYS :

MW :

VISC :

DAILY : DC : \$215,183.00

CC : \$0.00

TC : \$215,183.00

CUM : DC: \$215,183.00

CC : \$0.00

TC : \$215,183.00

DAILY DETAILS: MIRU BILL JRS # 6. SPUD WELL ON 12-04-06 @ 3:00PM. DRILL 2250' OF 12.25" HOLE. RUN AND SET 51 JT'S OF 8.625", 32#, J-55 CSGN @ 2183'/GL CEMENT W/ 240 SKS LEAD MIXED @ 11.0 PPG & 3.82 YLD THEN 225 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. W/ PARTIAL RETURNS. MIX AND PUMP THRU 200' OF 1 INCH 125 SKS TAIL MIXED @ 15.8 PPG & 1.15 YLD. WAIT 2 HOURS MIX AND PUMP 100 SKS OF 15.8 PPG & 1.15 YLD W/ 20 BBLs CEMENT TO SURFACE. VERNAL BLM REP, CLIFF JOHNSON WITNESSED CSNG & CEMENTING OPERATIONS.

**RECEIVED****JAN 11 2007****DIV. OF OIL, GAS & MINING**

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 1/17/2007 at 1:14:58 PM

**Pages :** 2 (including Cover)

**Subject :** HCU 12-33F *T105 R20E S-33 43-047-36602*

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JAN 17 2007

DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

01/12/07

**WELL NAME : HCU 12-33F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050

SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$417,748.00

EVENT CC : \$0.00

EVENT TC : \$417,748.00

WELL TOTL COST : \$417,748

**REPORT DATE:** 01/12/07    MD : 2,250    TVD : 2,250    DAYS : 1    MW : 8.6    VISC : 26  
 DAILY : DC : \$32,985.00    CC : \$0.00    TC : \$32,985.00    CUM : DC : \$248,168.00    CC : \$0.00    TC : \$248,168.00  
 DAILY DETAILS : FINISH RIGGING UP CYCLONE # 5. FUNCTION TEST EQUIPMENT. CHART PRESSURE TEST 250 PSI LOW / 3000 PSI HIGH THE FOLLOWING: KELYY W/ UPPER & LOWER VALVE. FLOOR VALVE. PIPE/BLIND RAMS. CHOKE MANIFOLD W/ LINES. TEST ANNULAR & CSGN TO 1,500 PSI. ALL TEST WITNESSED BY VERNAL BLM REP RAY ARNOLD. INSTALL & PLUMB ROTATING HEAD & SPOOL. LAY OUT & STRAP BHA. PICK UP BHA.

**REPORT DATE:** 01/13/07    MD : 2,250    TVD : 2,250    DAYS : 2    MW : 8.5    VISC : 26  
 DAILY : DC : \$28,275.00    CC : \$0.00    TC : \$28,275.00    CUM : DC : \$276,443.00    CC : \$0.00    TC : \$276,443.00  
 DAILY DETAILS : PICK UP DRILL STRING & TAG CEMENT @ 2150' REBUILD AND PLUMB FLOW LINE / GAS BUSTER / DIVERTER. RIG REPAIR. ( PUMP'S & LINES ). DRILL CEMENT & SHOE. DRILL 7.875" HOLE TO A DEPTH OF 2250'. W/ 6K WOB & 65 RPMS. FIT TEST @ 2250' W/ 8.5 PPG = 1490

**REPORT DATE:** 01/14/07    MD : 3,385    TVD : 3,385    DAYS : 3    MW : 8.5    VISC : 26  
 DAILY : DC : \$28,660.00    CC : \$0.00    TC : \$28,660.00    CUM : DC : \$305,103.00    CC : \$0.00    TC : \$305,103.00  
 DAILY DETAILS : WIRELINE SURVEY @ 2175' = 2" DRLG FROM 2250' TO 2726'. W/ 12K WOB & 50 RPMS. RIG SERVICE & BOP / FIRE DRILL. DRLG FROM 2726' TO 3322'. W/ 15K WOB & 50 RPMS. WIRELINE SURVEY 3248' = 3" DRLG FROM 3322' TO 3385'. W/ 15K WOB & 50 RPMS.

**REPORT DATE:** 01/15/07    MD : 4,799    TVD : 4,799    DAYS : 4    MW : 8.5    VISC : 26  
 DAILY : DC : \$33,495.00    CC : \$0.00    TC : \$33,495.00    CUM : DC : \$338,598.00    CC : \$0.00    TC : \$338,598.00  
 DAILY DETAILS : DRLG FROM 3385' TO 3890'. W/ 16K WOB & 50 RPMS. RIG SERVICE BOP / FIRE DRILL. DRLG FRO, 3890' TO 4799'. W/ 18K WOB & 50 RPMS.

**REPORT DATE:** 01/16/07    MD : 6,127    TVD : 6,127    DAYS : 5    MW : 8.5    VISC : 26  
 DAILY : DC : \$38,740.00    CC : \$0.00    TC : \$38,740.00    CUM : DC : \$377,338.00    CC : \$0.00    TC : \$377,338.00  
 DAILY DETAILS : DRLG F/ 4799 TO 4831 SURVEY @ 4831 3 DEG DRLG F/ 4831 TO 5178 RIG SERVICE DRLG F/ 5178 TO 6127

**REPORT DATE:** 01/17/07    MD : 7,147    TVD : 7,147    DAYS : 6    MW : 8.6    VISC : 26  
 DAILY : DC : \$40,410.00    CC : \$0.00    TC : \$40,410.00    CUM : DC : \$417,748.00    CC : \$0.00    TC : \$417,748.00  
 DAILY DETAILS : DRLG F/ 6127 TO 6431 SURVEY @ 6431 3 DEG DRLG F/ 6431 TO 7147

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 JAN 17 2007  
 DIV. OF OIL, GAS & MINING

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 1/24/2007 at 12:43:02 PM

**Pages :** 2 (including Cover)

**Subject :** HCU 12-33F

43-047-36602  
33 10s 20e

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JAN 24 2007

DIV. OF OIL, GAS & MINING

Page: 1



# WELL CHRONOLOGY REPORT

WELL CHRONOLOGY REPORT

**WELL NAME : HCU 12-33F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050

SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$667,202.00

EVENT CC : \$0.00

EVENT TC : \$667,202.00

WELL TOTL COST : \$667,202

REPORT DATE: 01/16/07

MD : 6,127

TVD : 6,127

DAYS : 5

MW : 8.5

VISC : 26

DAILY : DC : \$38,740.00

CC : \$0.00

TC : \$38,740.00

CUM : DC : \$377,338.00

CC : \$0.00

TC : \$377,338.00

DAILY DETAILS : DRLG F/ 4799 TO 4831 SURVEY @ 4831 3 DEG DRLG F/ 4831 TO 5178 RIG SERVICE DRLG F/ 5178 TO 6127

REPORT DATE: 01/17/07

MD : 7,147

TVD : 7,147

DAYS : 6

MW : 8.6

VISC : 26

DAILY : DC : \$40,410.00

CC : \$0.00

TC : \$40,410.00

CUM : DC : \$417,748.00

CC : \$0.00

TC : \$417,748.00

DAILY DETAILS : DRLG F/ 6127 TO 6431 SURVEY @ 6431 3 DEG DRLG F/ 6431 TO 7147

REPORT DATE: 01/18/07

MD : 8,052

TVD : 8,052

DAYS : 7

MW : 9.3

VISC : 38

DAILY : DC : \$39,780.00

CC : \$0.00

TC : \$39,780.00

CUM : DC : \$457,528.00

CC : \$0.00

TC : \$457,528.00

DAILY DETAILS : DRLG F/ 7147 TO 7522 RIG SERVICE DRLG F/ 7522 TO 8052 CIRC AND COND MUD

REPORT DATE: 01/19/07

MD : 8,052

TVD : 8,052

DAYS : 8

MW : 9.3

VISC : 38

DAILY : DC : \$71,594.00

CC : \$0.00

TC : \$71,594.00

CUM : DC : \$529,122.00

CC : \$0.00

TC : \$529,122.00

DAILY DETAILS : MIX MUD TOO SHORT HANDED COLD LOGGING TO 8031 THAW OUT RIG PUMP ON FRESH WATER LINES

REPORT DATE: 01/20/07

MD : 8,052

TVD : 8,052

DAYS : 9

MW : 9.3

VISC : 38

DAILY : DC : \$39,780.00

CC : \$0.00

TC : \$39,780.00

CUM : DC : \$568,902.00

CC : \$0.00

TC : \$568,902.00

DAILY DETAILS : THAW OUT WATER PUMP AND STEAM LINES TIH WORK ON BRAKES CIRC PUMP PILL LD DP AND BHA

REPORT DATE: 01/21/07

MD : 8,052

TVD : 8,052

DAYS : 10

MW : 9.3

VISC : 38

DAILY : DC : \$32,525.00

CC : \$0.00

TC : \$32,525.00

CUM : DC : \$601,427.00

CC : \$0.00

TC : \$601,427.00

DAILY DETAILS : LD DP AND BHA REPAIR BRAKES ON DRAWWORKS

REPORT DATE: 01/22/07

MD : 8,052

TVD : 8,052

DAYS : 11

MW : 9.3

VISC : 38

DAILY : DC : \$65,775.00

CC : \$0.00

TC : \$65,775.00

CUM : DC : \$667,202.00

CC : \$0.00

TC : \$667,202.00

DAILY DETAILS : REPAIR BRAKES RUN 189 JTS OF 5 1/2 M-80 17# LT&amp;C 8RD CSG AND 2 5' MARKERS TO 8017' KB RD CSG CREW AND RU CEMENTERS CEMENT CSG W/ 60 SKS OF LEAD AND 575 SKS OF TAIL ND BOPE AND CLEAN PITS, RELEASE RIG @ 01:30 2-22-2007 RD RIG FOR MOVE

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JAN 24 2007

DIV. OF OIL, GAS & MINING

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 1/31/2007 at 2:32:28 PM  
**Subject :** HCU 12-33F

**From :** g  
**Pages :** 2 (including Cover)

**CONFIDENTIAL**

43-047-36602  
3310520e

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JAN 25 2007  
DIV. OF OIL, GAS & MINING



**WELL CHRONOLOGY REPORT****CONFIDENTIAL****WELL NAME : HCU 12-33F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050

SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$667,202.00

EVENT CC : \$0.00

EVENT TC : \$667,202.00

WELL TOTL COST: \$667,202

**REPORT DATE: 01/22/07**

MD : 8,052

TVD : 8,052

DAYS : 11

MW : 9.3

VISC : 38

DAILY : DC : \$65,775.00

CC : \$0.00

TC : \$65,775.00

CUM : DC : \$667,202.00

CC : \$0.00

TC : \$667,202.00

DAILY DETAILS: REPAIR BRAKES RUN 189 JTS OF 5 1/2 M-80 17# LT&C 8RD CSG AND 2 5' MARKERS TO 8017' KB RD CSG  
CREW AND RU CEMENTERS CEMENT CSG W/ 60 SKS OF LEAD AND 575 SKS OF TAIL ND BOPE AND CLEAN  
PITS, RELEASE RIG @ 01:30 2-22-2007 RD RIG FOR MOVE

RECEIVED  
JAN 25 2007

DIV. OF OIL, GAS & MINING

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 2/7/2007 at 3:32:00 PM

**Pages :** 2 (including Cover)

**Subject :** HCU 12-33F

43-047-36602  
33 10s 20e

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FEB 07 2007

DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

Page: 1

**WELL NAME : HCU 12-33F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050 SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$667,202.00

EVENT CC : \$0.00

EVENT TC : \$667,202.00

WELL TOTL COST : \$667,202

REPORT DATE: 01/17/07

MD : 7,147

TVD : 7,147

DAYS : 6

MW : 8.6

VISC : 26

DAILY : DC : \$40,410.00

CC : \$0.00

TC : \$40,410.00

CUM : DC : \$417,748.00

CC : \$0.00

TC : \$417,748.00

DAILY DETAILS : DRLG F/ 6127 TO 6431 SURVEY @ 6431 3 DEG DRLG F/ 6431 TO 7147

REPORT DATE: 01/18/07

MD : 8,052

TVD : 8,052

DAYS : 7

MW : 9.3

VISC : 38

DAILY : DC : \$39,780.00

CC : \$0.00

TC : \$39,780.00

CUM : DC : \$457,528.00

CC : \$0.00

TC : \$457,528.00

DAILY DETAILS : DRLG F/ 7147 TO 7522 RIG SERVICE DRLG F/ 7522 TO 8052 CIRC AND COND MUD

REPORT DATE: 01/19/07

MD : 8,052

TVD : 8,052

DAYS : 8

MW : 9.3

VISC : 38

DAILY : DC : \$71,594.00

CC : \$0.00

TC : \$71,594.00

CUM : DC : \$529,122.00

CC : \$0.00

TC : \$529,122.00

DAILY DETAILS : MIX MUD TOO SHORT HANDED COLD LOGGING TO 8031 THAW OUT RIG PUMP ON FRESH WATER LINES

REPORT DATE: 01/20/07

MD : 8,052

TVD : 8,052

DAYS : 9

MW : 9.3

VISC : 38

DAILY : DC : \$39,780.00

CC : \$0.00

TC : \$39,780.00

CUM : DC : \$568,902.00

CC : \$0.00

TC : \$568,902.00

DAILY DETAILS : THAW OUT WATER PUMP AND STEAM LINES TIH WORK ON BRAKES CIRC PUMP PILL LD DP AND BHA

REPORT DATE: 01/21/07

MD : 8,052

TVD : 8,052

DAYS : 10

MW : 9.3

VISC : 38

DAILY : DC : \$32,525.00

CC : \$0.00

TC : \$32,525.00

CUM : DC : \$601,427.00

CC : \$0.00

TC : \$601,427.00

DAILY DETAILS : LD DP AND BHA REPAIR BRAKES ON DRAWWORKS

REPORT DATE: 01/22/07

MD : 8,052

TVD : 8,052

DAYS : 11

MW : 9.3

VISC : 38

DAILY : DC : \$65,775.00

CC : \$0.00

TC : \$65,775.00

CUM : DC : \$667,202.00

CC : \$0.00

TC : \$667,202.00

DAILY DETAILS : REPAIR BRAKES RUN 189 JTS OF 5 1/2 M-80 17# LT&C 8RD CSG AND 2 5' MARKERS TO 8017' KB RD CSG  
 CREW AND RU CEMENTERS CEMENT CSG W/ 60 SKS OF LEAD AND 575 SKS OF TAIL ND BOPE AND CLEAN  
 PITS, RELEASE RIG @ 01:30 2-22-2007 RD RIG FOR MOVE

**RECEIVED**
**FEB 07 2007**

DIV. OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**  
OMB No. 1004-013  
Revised October 1, 1999

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1985' FSL & 416' FWL, NW SW, Sec. 33-10S-20E

5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 12-33F

9. API Well No.

43-047-36602

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Drill Operations</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

1/22/07 - Ran 189 jts 5-1/2", 17#, M-80, LT&C 9RD csg set @ 8017'. Cement lead w/60 sks 11.0 ppg, 3.82 yld. Tailed w/575 sks Class G, 13.0 ppg, 1.75 yld. Clean pits, rig released.

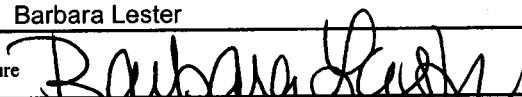
14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature



Date 2/6/2007

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

**FEB 09 2007**

**DIV. OF OIL, GAS & MINING**

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 2/14/2007 at 3:06:50 PM  
**Subject :** HCU 12-33F

**From :** g  
**Pages :** 2 (including Cover)

43-047-36602  
33 10s 20e

RECEIVED

FEB 14 2007

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : HCU 12-33F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050 SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$667,202.00

EVENT CC: \$0.00

EVENT TC: \$667,202.00

WELL TOTL COST: \$667,202

REPORT DATE: 01/22/07

MD : 8,052

TVD : 8,052

DAYS : 11

MW : 9.3

VISC : 38

DAILY : DC : \$65,775.00

CC : \$0.00

TC : \$65,775.00

CUM : DC: \$667,202.00

CC : \$0.00

TC : \$667,202.00

DAILY DETAILS : REPAIR BRAKES RUN 189 JTS OF 5 1/2 M-80 17# LT&C 8RD CSG AND 2 5' MARKERS TO 8017' KB RD CSG  
 CREW AND RU CEMENTERS CEMENT CSG W/ 60 SKS OF LEAD AND 575 SKS OF TAIL ND BOPE AND CLEAN  
 PITS, RELEASE RIG @ 01:30 2-22-2007 RD RIG FOR MOVE

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DIV. OF OIL, GAS & MINING

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**Sent :** 2/21/2007 at 2:06:40 PM

**Subject :** HCU 12-33F

**From :** g

**Pages :** 2 (including Cover)

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43-047-36602  
33 10s 20e

RECEIVED

FEB 21 2007

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 12-33F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050 SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$667,202.00

EVENT CC: \$0.00

EVENT TC: \$667,202.00

WELL TOTL COST: \$667,202

REPORT DATE: 01/22/07

MD : 8,052

TVD : 8,052

DAYS : 11

MW : 9.3

VISC : 38

DAILY : DC : \$65,775.00

CC : \$0.00

TC : \$65,775.00

CUM : DC: \$667,202.00

CC : \$0.00

TC : \$667,202.00

DAILY DETAILS: REPAIR BRAKES RUN 189 JTS OF 5 1/2 M-80 17# LT&C 8RD CSG AND 2 5' MARKERS TO 8017' KB RD CSG  
CREW AND RU CEMENTERS CEMENT CSG W/ 60 SKS OF LEAD AND 575 SKS OF TAIL ND BOPE AND CLEAN  
PITS, RELEASE RIG @ 01:30 2-22-2007 RD RIG FOR MOVE

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## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining  
**Sent :** 2/28/2007 at 3:49:04 PM  
**Subject :** HCU 12-33F

**From :** g  
**Pages :** 4 (including Cover)

**CONFIDENTIAL**

43-047-36602  
33 10s 20e

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DIV. OF OIL, GAS & MINING

Page: 1

**WELL CHRONOLOGY REPORT****CONFIDENTIAL****WELL NAME : HCU 12-33F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050

SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$667,202.00

EVENT CC: \$205,536.00

EVENT TC: \$872,738.00

WELL TOTL COST: \$872,738

**REPORT DATE: 02/23/07**

MD : 8,052

TVD : 8,052

DAYS : 12

MW : 9.3

VISC : 38

DAILY : DC : \$0.00

CC : \$17,338.00

TC : \$17,338.00

CUM : DC: \$667,202.00

CC : \$17,338.00

TC : \$684,540.00

DAILY DETAILS : MIRU SCHLUMBERGER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1500#  
PRESSURE FROM W.L. PBTD @ 7950' KB TO 2700' KB, FOUND CMT TOP @ 2870' KB. POOH W/ WIRE LINE,  
AND PRESSURE TESTED CSG TO 5000 PSI, HELD GOOD. RIH AND PERFORATED STAGE #1, SHUT WELL IN,  
RDMO WIRE LINE AND HOT OILIER. WAIT ON FRAC DATE.

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FEB 28 2007  
DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : HCU 12-33F**

Event No: 1

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050

SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC : \$667,202.00

EVENT CC : \$205,536.00

EVENT TC : \$872,738.00

WELL TOTL COST : \$872,738

REPORT DATE: 02/27/07

MD : 8,052

TVD : 8,052

DAYS : 13

MW : 9.3

VISC : 38

DAILY : DC : \$0.00

CC : \$188,198.00

TC : \$188,198.00

CUM : DC : \$667,202.00

CC : \$205,536.00

TC : \$872,738.00

DAILY DETAILS : 02-26-07 HCU 12-33F. MIRU SCHLUMBERGER frac equipment, tested lines to 7000 psi. Held safety meeting with all personnel. Quality control on gel & breaker systems with on-site lab was verified. Frac'd Mesa Verde Interval # 1, 7609-12', 7704-07', 7712-16', 7772-76', 7802-15', 2 spf, 59 holes, with 120,560# 20/40 Ottawa sand. Pumped frac at an average rate of 42.5 bpm, using 402.3 mscf of N2 and 830 bbls of fluid. Average surface treating pressure was 4708 psi with sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

6308 gallons Pad YF120ST/N2 gel.

3550 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

3522 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

4220 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

4915 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

4939 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7409 gallons WF110 slick water flush.

Total frac fluid pumped 830 bbls. N2 was cut during flush. Ru wire line, RIH and set 5K frac plug @ 7590'. RIH and perforate interval #2 @ 7475-82', 7518-40', 2 spf, 60 holes. Fraced interval #2 w/ 76,354# 20/40 Ottawa sand. Pumped frac at an avg rate of 33.6 bpm, using 258.8 mscf of N2 and 638 bbls of fluid. Avg surface treating pressure was 4767 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

4195 gallons Pad YF120ST/N2 gel.

2146 gallons YF120ST/N2 pumped @ 2.0 ppg sand concentration.

2117 gallons YF120ST/N2 pumped @ 3.0 ppg sand concentration.

2815 gallons YF120ST/N2 pumped @ 4.0 ppg sand concentration.

2815 gallons YF120ST/N2 pumped @ 5.0 ppg sand concentration.

3382 gallons YF120ST/N2 pumped @ 6.0 ppg sand concentration.

7256 gallons WF110 slick water flush.

Total frac fluid pumped 638 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 7180', perforate interval # 3 @ 6786-91', 6956-62', 4 spf, 46 holes. Fraced interval #3 w/ 60,373# 20/40 Ottawa sand. Pumped frac at an avg rate of 32.8 bpm, using 199.1 mscf of N2 and 590 bbls of fluid. Avg surface treating pressure was 3776 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

3491 gallons Pad YF115ST/N2 gel.

2145 gallons YF115ST/N2 pumped @ 2.0 ppg sand concentration.

2118 gallons YF115ST/N2 pumped @ 3.0 ppg sand concentration.

2117 gallons YF115ST/N2 pumped @ 4.0 ppg sand concentration.

2115 gallons YF115ST/N2 pumped @ 5.0 ppg sand concentration.

2595 gallons YF115ST/N2 pumped @ 6.0 ppg sand concentration.

6550 gallons WF110 slick water flush.

Total frac fluid pumped 590 bbls. N2 was cut during flush. RIH and set 5K frac plug @ 5320', perforate interval # 4 @ 5130-40', 6 spf 61 holes. Fraced interval #4 w/ 33,943# 20/40 Ottawa sand. Pumped frac at an avg rate of 23.6 bpm, using 139.2 mscf of N2 and 347 bbls of fluid. Avg surface treating pressure was 2792 psi w/ sand concentrations stair stepping from 2.0 ppg to 6.0 ppg.

2798 gallons Pad YF115ST/N2 gel.

1434 gallons pumped YF115ST/N2 @ 2.0 ppg sand concentration.

1410 gallons pumped YF115ST/N2 @ 3.0 ppg sand concentration.

1413 gallons pumped YF115ST/N2 @ 4.0 ppg sand concentration.

2226 gallons pumped YF115ST/N2 @ 6.0 ppg sand concentration.

3638 gallons WF110 slick water flush.

Total frac fluid pumped 347 bbls. N2 was not cut during flush. Opened well to the pit on a 12/64 choke. Turned well over to production.

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FEB 28 2007

DIV. OF OIL, GAS & MINING



## WELL CHRONOLOGY REPORT

**WELL NAME : HCU 12-33F**

DISTRICT : WESTERN

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E

COUNTY &amp; STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 0604695

API # : 43-047-36602

PLAN DEPTH : 8,050

SPUD DATE : 12/04/06

DHC : \$630,560

CWC : \$716,260

AFE TOTAL : \$1,346,820

FORMATION : WASATCH/MESAVERDE

EVENT DC: \$667,202.00

EVENT CC: \$205,536.00

EVENT TC: \$872,738.00

WELL TOTL COST: \$872,738

**REPORT DATE: 02/28/07**

MD : 8,052

TVD : 8,052

DAYS : 14

MW :

VISC :

DAILY : DC : \$0.00

CC : \$0.00

TC : \$0.00

CUM : DC: \$667,202.00

CC : \$205,536.00

TC : \$872,738.00

DAILY DETAILS : FLOW REPORT, OPEN WELL TO PIT UP CSG ON 12/64 CHOKE AT 2:30 PM, FCP 2600 TOTAL FLUID PUMPED 2405 BBLs. WELL TO PIT ON 12/64 BBLs, FCP 750 RECOVERED 900 BBLs FRAC FLUID. CHANGE TO 18/64 CHOKE AND LEFT TO PIT.

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DIV. OF OIL, GAS & MINING

## FACSIMILE COVER PAGE

**To :** Utah Division of Oil, Gas & Mining

**From :** g

**Sent :** 3/7/2007 at 9:32:58 AM

**Pages :** 2 (including Cover)

**Subject :** HCU 12-33F

43-047-36602  
33 10s 20e

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MAR 07 2007  
DIV. OF OIL, GAS & MINING



# WELL CHRONOLOGY REPORT

**CONFIDENTIAL**

**WELL NAME : HCU 12-33F**
**Event No: 1**
**DISTRICT : WESTERN**
**FIELD : NATURAL BUTTES 630**
**LOCATION : 1985' FSL 416' FWL SEC 33 T 10S R 20E**
**COUNTY & STATE : UTAH**
**UT**
**CONTRACTOR :**
**WI % : 100.00 AFE # : 0604695**
**API # : 43-047-36602**
**PLAN DEPTH : 8,050**
**SPUD DATE : 12/04/06**
**DHC : \$630,560**
**CWC : \$716,260**
**AFE TOTAL : \$1,346,820**
**FORMATION : WASATCH/MESAVERDE**
**EVENT DC : \$667,202.00**
**EVENT CC : \$205,536.00**
**EVENT TC : \$872,738.00**
**WELL TOTL COST : \$872,738**
**REPORT DATE: 03/01/07**
**MD : 8,052**
**TVD : 8,052**
**DAYS : 15**
**MW :**
**VISC :**
**DAILY : DC : \$0.00**
**CC : \$0.00**
**TC : \$0.00**
**CUM : DC : \$667,202.00**
**CC : \$205,536.00**
**TC : \$872,738.00**
**DAILY DETAILS : FLOW REPORT, WELL FLOWING UP CSG TO PIT ON 18/64 CHOKE, FCP 350# RECOVERED 950 BBLs FRAC FLUID, LEFT ON 18/64 CHOKE FLOWING TO PIT.**
**REPORT DATE: 03/02/07**
**MD : 8,052**
**TVD : 8,052**
**DAYS : 16**
**MW :**
**VISC :**
**DAILY : DC : \$0.00**
**CC : \$0.00**
**TC : \$0.00**
**CUM : DC : \$667,202.00**
**CC : \$205,536.00**
**TC : \$872,738.00**
**DAILY DETAILS : FLOW REPORT, WELL FLOWING TO PIT UP CSG ON 18/64 CHOKE, FCP 264# RECOVERED 610 BBLs FRAC FLUID, CONTINUE FLOWING WELL UP CSG TO PIT ON 18/64.**
**REPORT DATE: 03/03/07**
**MD : 8,052**
**TVD : 8,052**
**DAYS : 17**
**MW :**
**VISC :**
**DAILY : DC : \$0.00**
**CC : \$0.00**
**TC : \$0.00**
**CUM : DC : \$667,202.00**
**CC : \$205,536.00**
**TC : \$872,738.00**
**DAILY DETAILS : FLOW REPORT, WELL FLOWING TO PIT UP CSG ON 18/64 CHOKE, FCP 715#, RECOVERED 375 BBLs FRAC FLUID, RU SALES AND TURN TO SALES.**
**REPORT DATE: 03/04/07**
**MD : 8,052**
**TVD : 8,052**
**DAYS : 18**
**MW :**
**VISC :**
**DAILY : DC : \$0.00**
**CC : \$0.00**
**TC : \$0.00**
**CUM : DC : \$667,202.00**
**CC : \$205,536.00**
**TC : \$872,738.00**
**DAILY DETAILS : FLOW REPORT WELL TO SALES 14.5 HRS MADE 312 MCF, FCP 1055, SLP 132, 0 OIL, 322 WTR. 18/64 CHOKE LEFT WELL SAME.**
**REPORT DATE: 03/05/07**
**MD : 8,052**
**TVD : 8,052**
**DAYS : 19**
**MW :**
**VISC :**
**DAILY : DC : \$0.00**
**CC : \$0.00**
**TC : \$0.00**
**CUM : DC : \$667,202.00**
**CC : \$205,536.00**
**TC : \$872,738.00**
**DAILY DETAILS : FLOW REPORT WELL TO SALES 24 HRS MADE 944 MCF, FCP 1037, SLP 137, 0 OIL, 224 WTR. 18/64 CHOKE LEFT WELL SAME.**
**REPORT DATE: 03/06/07**
**MD : 8,052**
**TVD : 8,052**
**DAYS : 20**
**MW :**
**VISC :**
**DAILY : DC : \$0.00**
**CC : \$0.00**
**TC : \$0.00**
**CUM : DC : \$667,202.00**
**CC : \$205,536.00**
**TC : \$872,738.00**
**DAILY DETAILS : FLOW REPORT, WELL TO SALES FOR 24 HRS., MADE 1051 MCF, FCP 937, SLP 117, 0 OIL, 202 WATER, 18/64 CHOKE**

**RECEIVED**

**MAR 07 2007**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an**  
**abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

U-28203

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Hill Creek Unit

8. Well Name and No.

HCU 12-33F

9. API Well No.

43-047-36602

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah, UT

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

CONFIDENTIAL

2. Name of Operator

Dominion Exploration & Production, Inc.

3a. Address

14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134

3b. Phone No. (include area code)

(405) 749-5237

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1985' FSL & 416' FWL, NW SW, Sec. 33-10S-20E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

**TYPE OF SUBMISSION**

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Acidize

☐

Altering Casing

☐

Casing Repair

☐

Change Plans

☐

Convert to Injection

☐

Deepen

☐

Fracture Treat

☐

New Construction

☐

Plug and Abandon

☐

Plug Back

☐

Production (Start/Resume)

☐

Reclamation

☐

Recomplete

☐

Temporarily Abandon

☐

Water Disposal

☐

Water Shut-Off

☐

Well Integrity

☒

Other

First Sales

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

2/26/07 - Perf & Frac

3/2/07 - First Sales

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Barbara Lester

Title Regulatory Specialist

Signature

*Barbara Lester*

Date 3/6/2007

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

MAR 12 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WELL COMPLETION OR RECOMPLETION REPORT**CONFIDENTIAL**FORM APPROVED  
OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.

U-28203

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
Dominion Exploration & Production, Inc.

3. Address  
14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134

3a. Phone No. (include area code)  
405-749-1300

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1985' FSL & 416' FWL, NW SW

At top prod. interval reported below

At total depth

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**APR 19 2007**

DIV. OF OIL, GAS &amp; MINING

14. Date Spudded  
12/04/2006

15. Date T.D. Reached  
1/17/2007

16. Date Completed ☐ D&A ☒ Ready to prod. 3/2/2007

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

Hill Creek Unit

8. Lease Name and Well No.

HCU 12-33F

9. API Well No.

43-047-36602

10. Field and Pool, or Exploratory  
Natural Buttes

11. Sec., T., R., M., or Block and  
Survey or Area 33-10S-20E

12. County or Parish  
Uintah

13. State  
UT

17. Elevations (DF, RKB, RT, GL)\*  
GL 5300'

18. Total Depth: MD 8052'  
TVD

19. Plug Back T.D.: MD 7950'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Platform Express, Litho Density/Comp. Neutron  
High Resolution Laterolog Array, Cement Bond Log

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all string set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	8 5/8"	32#	Surface	2,183'		690 Sx		Circ.	
7 7/8"	5 1/2"	17#	Surface	8,017'		635 Sx		CBL 2,700	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7,787'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	7609'	7815'	(7609- 12, 7704- 07, 7712-16 7772- 76, 7802- 15)		59	Open
B) Mesaverde	7475'	7540'	7475- 82, 7518- 40		60	Open
C) Wasatch	6786'	6962'	6786- 91, 6956- 62		46	Open
D) Wasatch	5130'	5140'	5130- 40		61	Open

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7609' - 7815'	Frac w/120,560# 20/40 Ottawa sd., w/402.3 mscf of N2 & 830 bbls of YF120ST.
7475' - 7540'	Frac w/76,354# 20/40 Ottawa sd., w/258.8 mscf of N2 & 638 bbls of YF120ST
6786' - 6962'	Frac w/60,373# 20/40 Ottawa sd., w/199.1 mscf of N2 & 590 bbls of YF115ST.
5130' - 5140'	Frac w/33,943# 20/40 Ottawa sd., w/139.2 mscf of N2 & 347 bbls of YF115ST.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/2/2007	4/7/2007	24	→	0	396	35			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48	294	653	→	0	396	35		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)



## 28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch Tongue	3772'
				Uteland Limestone	4120'
				Wasatch	4262'
				Chapita Wells	5215'
				Uteland Buttes	6317'
				Mesaverde	7128'

32. Additional remarks (include plugging procedure)

## 33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd)      2. Geologic Report      3. DST Report      4. Directional Survey  
 5. Sundry Notice for plugging and cement verification      6. Core Analysis      7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Carla Christian      Title Supervisor, Regulatory Reports  
 Signature Carla Christian      Date April 17, 2007

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**7/1/2007**

<b>FROM: (Old Operator):</b> N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO: ( New Operator):</b> N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
--	--

CA No.				Unit:		HILL CREEK		
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (817) 870-2800		8. WELL NAME and NUMBER: SEE ATTACHED
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		9. API NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*N1095*

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
*(405) 749-1300*

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED *9127107*

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731522	FEDERAL 1-29	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304731601	HILLCREEK FED 1-30	NWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304731675	HILL CREEK FED 1-27	SEnw	27	100S	200E	U-29784	12829	Federal	GW	P
4304733671	HCU 1-28F	NENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	S
4304733672	HCU 1-29F	NENE	29	100S	200E	U-28203	12829	Federal	GW	P
4304733673	HCU 2-30F	NWNE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733688	HCU 3-28F	NENW	28	100S	200E	U-28203	12829	Federal	GW	P
4304733689	HCU 3-29F	NENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304733713	HCU 3-30F	NWNW	30	100S	200E	UTU-30693	12829	Federal	GW	P
4304733835	HCU 5-30F	SWNW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733836	HCU 6-30F	SEnw	30	100S	200E	U-30693	12829	Federal	GW	P
4304733964	HCU 8-30F	SENE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733965	HCU 11-30F	NESW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733966	HCU 13-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734045	HCU 5-28F	SWNW	28	100S	200E	U-28203	12829	Federal	GW	P
4304734046	HCU 7-29F	SWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734223	HCU 9-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734298	HCU 3-31F	NWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734299	HCU 5-31F	SWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734300	HCU 7-31F	SEnw	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734316	HCU 2-27F	NWNE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734351	HCU 8-27F	SENE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734352	HCU 11-31F	NWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734353	HCU 13-31F	SWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734853	HCU 1-33F	NENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304734854	HCU 3-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304734913	HCU 1-27F	NENE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734914	HCU 3-27F	NENW	27	100S	200E	U-79130	12829	Federal	GW	P
4304734915	HCU 7-27F	SWNE	27	100S	200E	U-79130	12829	Federal	GW	S
4304734916	HCU 10-27F	NWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734917	HCU 14-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734918	HCU 15-30F	SWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304734919	HCU 2-31F	NWNE	31	100S	200E	U-30693	12829	Federal	GW	P
4304734920	HCU 6-31F	SWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304734921	HCU 4-31F	NWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735130	HCU 11-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735131	HCU 2-29F	NWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304735132	HCU 9-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735133	HCU 10-30F	NWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735134	HCU 1-31F	NENE	31	100S	200E	U-36903	12829	Federal	GW	P
4304735135	HCU 12-31F	NWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735137	HCU 2-33F	NENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735139	HCU 5-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735154	HCU 13-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735230	HCU 8-33F	SENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304735307	HCU 6-29F	SEnw	29	100S	200E	U-28203	12829	Federal	GW	P
4304735470	HCU 11-29F	NESW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735471	HCU 10-29F	NWSE	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735507	HCU 12-29FA	NESW	29	100S	200E	U-28203	12829	Federal	GW	DRL
4304735724	HCU 16-27F	SESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735725	HCU 9-27F	NESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735726	HCU 15-27F	SWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735727	HCU 9-34F	NESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735728	HCU 7-34F	SWNE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735832	HCU 9-33F	NESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735833	HCU 16-33F	SESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735835	HCU 11-34F	NESW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735836	HCU 12-34F	NWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735837	HCU 13-34F	SWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735838	HCU 15-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735875	HCU 14-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735934	HCU 8-31F	SENE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735935	HCU 10-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735936	HCU 9-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735939	HCU 16-28F	SESE	28	100S	200E	U-28203	12829	Federal	GW	P
4304735940	HCU 6-34F	SENE	34	100S	200E	U-28203	12829	Federal	GW	P
4304735996	HCU 16-34F	SESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736046	HCU 14-31F	SWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304736251	HCU 16-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304736319	HCU 10-28F	NWSE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736320	HCU 13-28F	SWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736321	HCU 14-28F	SESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736437	HCU 5-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736438	HCU 4-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736439	HCU 11-28F	NESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736440	HCU 5-30F2	SWNW	30	100S	200E	U-30693	12829	Federal	GW	DRL
4304736601	HCU 5-33F	SWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736602	HCU 12-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736603	HCU 6-28F	SENE	28	100S	200E	U-28203	12829	Federal	GW	S
4304736604	HCU 12-28F	NWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736685	HCU 13-33F	SWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736846	HCU 9-28F	NESE	28	100S	200E	14-20-H62-4781	12829	Indian	GW	P
4304736847	HCU 8-28F	SENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	P
4304736848	HCU 7-28F	SWNE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736849	HCU 1-34F	NENE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736852	HCU 14-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736853	HCU 16-29F	SESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737060	HCU 4-33F	NWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737202	HCU 6-33F	SENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304737203	HCU 3-33F	NWNE	33	100S	200E	U-28203	12829	Federal	OW	P
4304737204	HCU 15-28F	NWNE	33	100S	200E	14-20-H62-4781	12829	Indian	OW	P
4304737284	HCU 7-30F	SENE	30	100S	200E	U-29784	99999	Federal	OW	DRL
4304737340	HCU 5-29F	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737360	HCU 11-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737424	HCU 12-27F	NESW	27	100S	200E	U-29784	12829	Federal	OW	DRL
4304737425	HCU 14-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737427	HCU 8-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENE	32	100S	200E	ML-22313	12829	State	GW	P
4304734852	HCU 4-32F	NWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735136	HCU 5-32F	SWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735870	HCU 13-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735871	HCU 12-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735872	HCU 14-32F	SESW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735873	HCU 3-32F	NENW	32	100S	200E	ML-22313-2	12829	State	GW	DRL
4304735874	HCU 11-32F	SENE	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Hill Creek Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Hill Creek Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hill Creek Unit Agreement.

Your statewide oil and gas Bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-28203
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> XTO ENERGY INC		<b>7. UNIT or CA AGREEMENT NAME:</b> HILL CREEK
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410		<b>8. WELL NAME and NUMBER:</b> HCU 12-33F
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1985 FSL 0416 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 33 Township: 10.0S Range: 20.0E Meridian: S		<b>9. API NUMBER:</b> 43047366020000
<b>PHONE NUMBER:</b> 505 333-3159 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input checked="" type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/24/2011	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  XTO Energy Inc. has completed an acid treatment on this well per the attached summary report.		
<b>NAME (PLEASE PRINT)</b> Barbara Nicol		<b>PHONE NUMBER</b> 505 333-3642
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Compliance Tech
<b>DATE</b> 12/14/2011		



**Hill Creek Unit 12-33F**

**11/4/2011:** MIRU. Tgd 14' of fill @ 7,919'. TOH w 2-3/8 4.7#, J-55 8rd EUE tbg, 2-3/8" SN & 2-3/8" MSC. (Had lt sc on outside of tbg fr/5,136' - 5,383'. Had up to 1/16" of sc in some areas on outside of tbg fr/6,823' - EOT. No sc inside tbg).

**11/7/2011:** TIH w/4-3/4" cone bit, 5-1/2" csg scr, SN & 2-3/8" tbg. Tgd fill @ 7,915'. Ppd 30 bbls TFW wtr & PT tbg to 2,000 psig. Tstd gd. Rlsd press. TOH w/2-3/8 4.7#, J-55 8rd EUE tbg, 2-3/8" SN, csg scr & bit. TIH w/MSC, SN & tbg. Broach all tbg w/1.9" OD broach. Ld tbg w/donut hgr. SN @ 7,697', EOT @ 7,699'.

**11/8/2011:** ND BOP, NU WH. MIRU acid trk, PT surf lns. Begin to pmp acid treatment down tbg. Pmp 2 bl KCL pad, 5 gal CI 86Corris Inhib, 2 bl KCL, 55 gal Scale Inhib S-262, 500 gal 15% HCL w/1 gal FENO Iron control, 15 gal Al 150 acid inhibitor, Flush w/30 bls KCL. Acid treatment pumped down csg, 2 bl KCL pad, 5 gal CI 86Corris Inhib, 2 bl KCL, 500 gal 15% HCL w/1 gal FENO Iron control, 15 gal Al 150 acid inhibitor, Flush w/50 bls KCL. RDMO acid trk.

**11/9/2011:** RIH w/ swb tls. 0 BO, 34 BLW, 8 runs, 5 hrs. FFL @ 4,000' FS. Parted snd line on 9th swb run. Bd csg. ND WH, NU BOP.

**11/10/2011:** Swb tls were stuck in SN. Rec swb tls. TIH w/MSC, SN & 248 jts 2-3/8" tbg. Broach all tbg w/1.9" OD broach. Ld tbg w/donut hgr. SN @ 7,697', EOT @ 7,699'. ND BOP, NU WH. RIH w/ swb tls. 0 BO, 30 BLW, 6 runs, 3 hrs. FFL @ 4,400' FS. RDMO. Did not RWTP. Susp rpts pending bring in SWU.

**11/14/2011:** MIRU SWU. RIH w/swb tls. 0 BO, 36 BW, 9 runs, 10 hrs. FFL @ 4,500' FS. SW & SDFN.

**11/15/2011:** RIH w/swb tls. S. 0 BO, 44 BW, 11 runs, 11 hrs. FFL @ 5,500' FS. SWI & SDFN.

**11/16/2011:** RIH w/swb tls. S. 0 BO, 24 BW, 6 runs, 10 hrs. FFL @ 5,500' FS. SWI & SDFN.

**11/17/2011:** RIHw/swb tls. S. 0 BO, 24 BW, 6 runs, 11 hrs. FFL @ 5,500' FS. SWI & SDFN.

**11/18/2011:** RIH w/swb tls. S. 0 BO, 28 BW, 7 runs, 11 hrs. FFL @ 6,000' FS. SWI & SDFN.

**11/21/2011:** RIH w/swb tls. S. 0 BO, 32 BW, 8 runs, 11 hrs. FFL @ 6,000' FS. SWI & SDFN.

**11/22/2011:** RIH w/swb tls. S. 0 BO, 32 BW, 8 runs, 8 hrs. FFL @ 6,000' FS. SWI & SDFN.

**11/23/2011:** RIH w/swb tls. S. 0 BO, 24 BW, 4 runs, 8 hrs. FFL @ 6,000' FS. SWI & SDFN.

**11/24/2011:** MIRU SLU. SN @ 7,704'. PU & RIH w/2" pulling tls. Latch BHBSw/SV @ SN. POH LD pulling tls. PU & RIH w/ 1.5" bailer. Tag fill @ 7,920'. POH LD Bailer. PU & RIH w/1.908" broach. Broach tbg to SN. No tight spts. POH LD Broach. Drpd new BHBS. Drpd plngr. RDMO SLU.

=====Hill Creek Unit 12-33F=====